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ABSTRACT

This report presents recommendations of the New Mexico Commission on Higher Education for capital projects for fiscal year 1998-99 in New Mexico's public four-year and two-year postsecondary institutions, vocational-technical institutes, and constitutional special schools (for the deaf, the visually handicapped, and the New Mexico Military Institute). The recommendations were culled from 102 separate institutional requests totaling $292.5 million. The final recommendations totaling $74.2 million, for projects of "significant need," and an additional $57.4 million for six projects in the "needed" category. The first section of this report begins with an overview of the policy framework; it is followed by a summary of higher education capital issues and extended learning issues, a summary of student enrollment data, and summaries of requests and recommendations. Additional sections present the final recommendations in priority order, including a description of each project noting both the institution's request, the final recommended funding level, and budget breakdowns. Presented separately are recommendations in priority order for projects funded by the extended learning fund. A map of the New Mexico extended learning infrastructure is also included. (DB)

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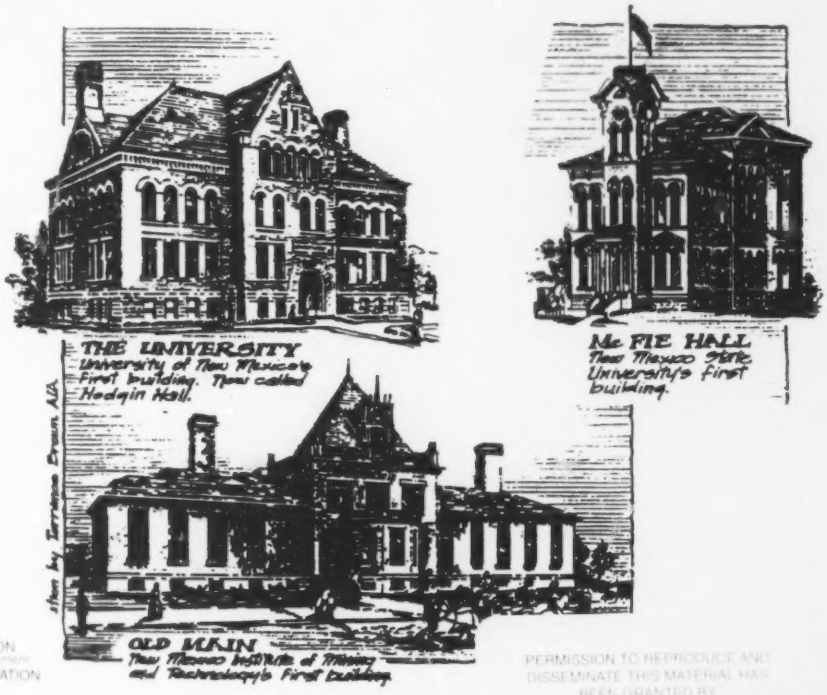
1998-99 Capital Project Recommendations for Higher Education



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HIGHER EDUCATION CAPITAL PROJECT NEEDS

SUMMARY

New Mexico's higher education institutions annually submit capital project requests to the Commission on Higher Education (CHE) for review and recommendation for legislative funding. Schools which participate in this process include the public four-year and two-year postsecondary institutions, vocational-technical institutes, and constitutional special schools (New Mexico School for the Deaf, New Mexico Military Institute, and New Mexico School for the Visually Handicapped).

The Commission received 102 separate institutional requests for Fiscal Year 1998-99, totaling $292.5 million. The CHE Facilities Committee scheduled project request hearings from all of the institutions this past summer. The hearings provided the Committee the opportunity to review and evaluate each of the institution's specific capital requests, and to assess and prioritize the higher education capital needs statewide.

The CHE Facilities Committee presented it's preliminary capital project recommendations in October, and then scheduled hearings for appeals from institutions. On November 14, the Commission adopted the capital project recommendations presented in this document. The recommendations for the 1998-99 fiscal year include 30 projects of "Significant Need" for a total of $74.2 million. The Commission also identified and recommended 6 projects in the "Needed" category for an additional $57.4 million.

In addition, public schools, colleges and universities in New Mexico may annually submit Extended Learning[1] Fund (ELF) requests to the CHE for review and recommendation for legislative funding. During 1997, the Commission received 17 separate institutional ELF requests , totaling $10.8 million. Based on the established review process, the Commission recommended projects grouped into categories of Significant Need, Needed, and Desirable. At its November 1997 meeting, the CHE approved a funding request of $4.8 million for the Extended Learning Fund.

POLICY FRAMEWORK

New Mexico provides its citizens with a higher education system consisting of:

- two comprehensive research universities
- a doctoral level technical and scientific research university
- a medical school/center
- three comprehensive universities offering master's and baccalaureate degrees
- five independent two-year colleges
- eight branch community colleges
- one state military institute, with high school and junior college degrees
- three vocational institutes, with two now offering associate degrees

The higher education system also includes two special schools established by the New Mexico Constitution: the New Mexico School for the Deaf with its main campus in Santa Fe, and the New Mexico School for the Visually Handicapped with its main campus in Alamogordo.

As educational needs and enrollment patterns change, the institutions must respond by changing programs and facilities. During the 1960's and 1970's, facilities at state colleges and universities expanded significantly to meet increased enrollments. When enrollments stabilized in the mid-1970's, the program and facility needs of the schools continued to change in response to increasing or decreasing enrollments in particular educational

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[1] "Extended learning" means the full range of available and developing modes for *bringing instruction to learners,* including live instructor delivery, instructional television, computer conferencing, video conferencing, audio conferencing, etc.

programs. With few exceptions, the two-year colleges and vocational schools experienced rapid increases in enrollments in the past decade. Enrollment has recently stabilized, as the tables on pages ix - xi illustrates.

New Mexico's colleges and universities are now faced with the challenge of maintaining access and promoting quality during a period when the competition for available state resources will be intense and the funding for higher education may be even more constrained. The responsibility of the Commission is to identify strategies that will enhance access and quality, while also promoting greater efficiencies and learner productivity. In particular the CHE must encourage the responsible maintenance of existing facilities as well as the implementation of models for delivering instruction that fully utilize the potential of developing technologies.

The Statewide Extended Learning Initiative, created by the 1995 New Mexico Legislature to support the development of alternative instructional delivery, incorporated the Extended Learning Fund (ELF) as a key component to support this evolution. The specific objectives of the ELF are:

1. The creation or expansion of community based learner centers throughout New Mexico;

2. The development of regional consortia linking groups of secondary schools, local two-year institutions, four-year institutions, and other educational agencies; and

3. The expanded use of technology by universities and colleges to provide instruction targeted at state level and regional needs, such as teacher certification, professional development, social work, and health care training.

HIGHER EDUCATION CAPITAL ISSUES

Funding Sources. During the past several years considerable interest has been expressed in developing other non-state sources for the capital outlay needs of higher education. Non-state funding sources are already being used for a significant portion of higher education's capital outlay needs. Over the past nine years, the state has funded 36% of the capital outlay expenses for higher education. Institutional funds, comprised mostly of revenue bonds issued by the universities, have contributed 43% towards capital needs. Local funds, which are usually local general obligation bonds issued by the two-year colleges, have contributed nearly 14% towards higher education's capital needs.

University System Revenue Bonds are generally used to pay for projects such as dormitories, student union buildings, stadiums, parking garages, UNM Hospital, or other revenue-generating facilities. As discussed in the section on Recommendation Categories and Criteria, CHE policy does not allow the recommendation of state funding for these types of projects at four-year institutions. During the past two years, as state support for capital outlay has dropped significantly, universities have also used system revenue bonds for capital improvements

The two-year colleges have utilized local general obligation bonds to provide for capital outlay needs at their campuses. The CHE policy strongly urges institutions to provide a 25% local match for capital outlay needs. A significant number of institutions have provided local general obligation bonds to pay for campus improvements such as childcare centers, student activity buildings and student recreational facilities.

The state legislature has generally accepted the CHE's recommendations for capital projects and from these recommendations appropriated funds through statewide General Obligation Bonds. The New Mexico voters turned down the 1990 bond issue but in 1992, 1994 and again in 1996 approved a total of $140.0 million for higher education capital projects. Although the election campaigns have been successful and the citizens of New Mexico have been supportive of higher education needs there is a growing concern about the continual reliance on this avenue of funding every two years. In view of the demonstrated need for capital improvements on campuses throughout the states, funding of higher education capital needs should receive more support from New Mexico's Severance Tax Bonds and General Fund surplus.

Project Budget Costs. In recent years there has been a significant economic increase in the construction industry in New Mexico. This increase has not only created a healthy economy for the state but it has also created a higher than expected increase in construction costs, affecting project budgets at many campuses. Since the project budgets and funding appropriations are fixed, and with bids exceeding the budget, many of the projects have suffered, requiring reductions in programmed areas, square feet, construction materials equipment and site improvements.

The CHE Facilities Committee examines the requested budgets for all recommended projects to ensure that reasonable amounts have been included for construction costs per gross square foot, professional fees, movable equipment, and construction contingency. Some of the project budgets in this document have been reduced below the amount requested by the institution, reflecting the funding levels that the CHE Facilities Committee considers most appropriate for the projects location and type of facility. For this reason, the Commission requests that the recommended budgets not be reduced; additional cuts would prevent the institutions from completing the projects as initially programmed.

CURRENT ISSUES

The following trends are appearing in the capital outlay requests of New Mexico's higher education institutions and are expected to continue to affect capital needs and spending in the coming years:

1. **Recent Funding Shortfalls.** The Commission realizes that the Capital Project Recommendation list submitted this year is large and that it may be impossible to fund all projects included in the Significant Need and Needed categories. Higher education has had limited capital outlay funding from Severance Tax Bonds or General Fund appropriations in recent past years. Despite the passage of the G.O. Bond Issue in November, 1996, this year's recommendation list represents the accumulation of several years of capital needs which have been identified at New Mexico's colleges and universities.

2. **Steady enrollment growth.** During the past decade, enrollments have increased by 170% at the two year institutions, while enrollments have remained relatively stable at the universities. These trends are expected to continue as the children of the baby-boom generation enter college in the next decade. Our college facilities may be severely strained by growth during the next 20 years, when the 20-24 age group is projected to increase by 25%.

3. **Infrastructure renovation for aging campuses,** particularly at the four-year universities, where buildings are approaching 100 years of age. New Mexico's institutions of higher education, like those throughout the country, face increasing difficulty in maintaining aging physical plants. Most of these campuses need extensive infrastructure improvements and expansion, including heating/cooling loop installation and expansion, water and sewer improvements, improved metering and energy management systems, new electrical distribution systems, fiber optic cabling and communication systems, lab renovations to provide space for computerized equipment, improved heating/ventilating systems to meet current code requirements, and elimination of fire and safety code deficiencies. Other infrastructure needs identified by institutions are needs for paving campus streets, parking lots, and other site improvements, new lighting for security and student safety. Each institution's operating budget includes an annual allotment for building renewal and replacement. This amount is determined by a formula based upon square footage, age, and past improvements made to the instructional and administrative buildings on the campus. Recent publications recommend that institutions set aside 2% - 4% of the replacement cost of buildings for renewal and adaption; however, the BRR formula now in place generates only .5% - 1.5% of replace cost. The Commission has recommended increased funding for BRR and this is a high priority in the Commission's FY 99 funding recommendations.

4. **Increasing need for instructional equipment** to train students to use high- tech equipment in the sciences, technology, research, and teacher education. The Commission has recognized for some time that the current I&G formula does not provide adequate funding for routine upgrading and replacement of equipment. An inventory-based replacement formula was developed by CHE in 1990 and updated in 1994. The CHE strongly recommends that increased funding be provided for the equipment replacement formula this year,

with full funding phased-in over a four-year period. The CHE has also recognized the increased demand for computer instruction, especially at the two-year schools. This demand comes from regularly enrolled students as well as from part-time students enrolled in self-improvement or business-contracted courses.

5. **More emphasis on students' needs** outside the classroom as institutions strive to meet the needs of students, and to minimize the chances of students, part-time and evening, failing or dropping-out. Student needs include child care facilities, counseling, financial aid, placement, on-campus fitness and recreation facilities, and campus safety issues. The two-year colleges in particular are beginning to request additional space for the administrative functions associated with student services.

6. **An end to designated buildings for each department**, as institutions move away from departmental buildings (Biology Building, Chemistry Building, Education Building, etc.) towards planning buildings designed to accommodate several related academic fields with similar needs. For instance, a science and technology building could accommodate biology, chemistry, physics, geology, and certain types of engineering. This practice will save money in construction costs by requiring that expensive laboratories be shared among several disciplines rather than locked up when not in use by the "landlord" department. This "shared" philosophy has been accepted by most institutions due to the necessity for high utilization of all facilities.

7. **Increased expenditures for ADA** handicapped access improvements, as a result of passage of the Americans with Disabilities Act (PL 101-336, signed in July 1990). This Act requires institutions to make all buildings accessible by 1995. The previous law allowed that accessibility improvements could wait until another remodeling/renovation project was planned for the building. As a result of the new law, institutions are requesting assistance with expenses for elevators, ramps, door openers, and sidewalk improvements.

8. **Local Support for Two Year Institutions.** The state statutes and constitution provide several options for establishing two-year postsecondary institutions, and these various options authorize different levels of taxing and bonding capacity. For instance, the branch colleges (UNM-Gallup, NMSU-Dona Ana, etc.) are authorized to issue revenue bonds and, with voter approval, issue local general obligation bonds and impose 1- and 3-mill tax levies. Independent community colleges (SFCC, SJC, NMJC, and CCC) are authorized to issue revenue bonds and, with voter approval, issue local general obligation bonds and impose a 5-mill tax levy. Institutes organized under the Technical and Vocational Institute Act (Albuquerque T-VI) are authorized to issue revenue bonds and, with voter approval, issue local general obligation bonds and impose a 5-mill levy. Area vocational schools (LVTI, MTC) can issue revenue bonds and, with voter approval, impose a 3-mill tax levy but are not authorized to seek a local general obligation bond issue. And Northern New Mexico Community College can issue revenue bonds but cannot issue local general obligation bonds or impose a mill levy. These differences in statute, as well as the varying taxing capacities of each district, make it difficult to maintain a consistent, equitable approach to funding capital outlay projects at the two-year schools.

   CHE policy requires a 25% local contribution to the cost of capital outlay projects at two-year institutions. This requirement is waived if the institution is not authorized to issue local general obligation bonds, is at maximum bonding capacity, or has already contributed more than 25% of all construction costs.

   The Commission feels that local support for operations and capital projects at two-year institutions is paramount. Local communities must be willing to match, to the extent possible, state appropriations for capital projects. Some communities have already exceeded a reasonable expectation, while others have not matched at all. Variations in the local match volunteered for each project contribute to the difficulty of fairly evaluating each request; it is hard to set priorities between projects with a 75% local match and those with none. The Commission strongly supports any statutory changes necessary to enable all two-year institutions to seek funding from local general obligation bonds. These changes are vital for an equitable, consistent approach to funding capital projects in our two-year school system.

9. **Child Development Centers.** As more working parents enter higher education, institutions must be willing to respond to their need for child care facilities. Although the Commission has not adopted a formal policy with respect to on-campus child care centers, the consensus to date is that the CHE will support the construction of campus day care facilities which are required for an instructional program such as early childhood development or a related field. Day care centers which are unrelated to a school's instructional programs will be considered an auxiliary service for students and should therefore be funded from student fees, revenue bonds, or other non-state sources.

10. **UNM Patient Care Equipment.** Because of the state's commitment to provide health care, especially to indigent patients, and because of the increasing cost of health care equipment, an annual appropriation in the Appropriations Act to UNM Health Sciences Center would be supported by the CHE. The Facilities Committee notes the difficulty of evaluating and prioritizing projects for UNM Health Sciences Center along with capital projects for higher education. The focus of the hospital projects is health care, although education of students is a concurrent responsibility.

CHE CAPITAL RECOMMENDATION PROCESS AND REVIEW CRITERIA

The CHE's role in reviewing capital outlay requests has increased significantly in the last ten years. The legislature has directed the CHE to review, recommend and prioritize all capital outlay funding requests from colleges and universities, vocational institutes, and special constitutional schools. In order to meet this directive, the CHE requires all institutions to submit capital outlay requests as per the following schedule:

June	Submit Five-Year Capital Plans to CHE
June	Submit Capital Project Requests on CHE forms
July	Facilities Committee Site Visits, Hearings and Deliberations
October	Facilities Committee distributes preliminary recommendations
November	Facilities Committee scheduled appeals hearings
November	Facilities Committee presents final recommendation to Commission
December	CHE Capital Recommendations submitted to Executive and LFC
January	CHE submits Capital Project Recommendations document to Executive and Legislature

The capital project requests submitted by all institutions in June are reviewed by the CHE Facilities Committee. The Committee's review takes into account the project description and justification, criteria for preference and eligibility, condition of existing facilities, enrollment patterns within each institution, the amount of usable square footage at each institution, space utilization data, the potential state and local funding sources, the institution's priority ranking of the project, previous state and local appropriations, and the institution's mission and unique role. Based on this review process and upon previous site visits to each institution, the CHE Facilities Committee makes a recommendation concerning the projects. The total amount requested by the institution may be reduced to reflect a more realistic or consistent cost estimate, or the recommended funding source may be non-state revenues. The CHE groups the requests into categories of Significant Need, Needed, Desirable (not recommended), and assigns a priority ranking number to each project in the Significant Need and Needed categories.

It should be noted that although all of the projects submitted by institutions may be included on the institutions Five Year Master Plan, and on the institutions governing board priority list, only the projects included in the CHE's "Significant Need" and "Needed" category are recommended for funding. The CHE recognizes that in most years there are not enough funds available for all the "Significant Need" projects, therefore the Commission does not recommend funding the "Needed" projects until all of the "Significant Needs" are met.

Review Criteria. In reviewing and recommending capital project requests, the CHE Facilities Committee in most cases respects the priority assigned each project by the institution's administration and governing board. According to CHE Rule 430, the following types of projects will be given preference:

- Projects which are strongly related to instructional programs and which support an institution's mission and particular role as discussed in the institutions Master Plan.
- Projects to provide high quality educational settings which represent up-to-date technologies.
- Projects which are necessary to accommodate enrollment growth.
- Projects to address major health and safety problems and elimination of physical barriers to physically impaired persons.
- Projects resulting from unforeseen conditions that if uncorrected would result in major property deterioration.
- Projects to renovate facilities or to make wise use of other existing resources whenever feasible and economical.

- Projects to improve utilities systems or building energy efficiency that will result in rapid capitalization of initial costs and long-term reduction of energy costs or eliminate shut downs due to utility failures resulting from age or overloading

- Projects for which there is no other available or more appropriate funding source such as Building Renewal and Replacement funds, local bonds, revenue bonds, auxiliary revenues, or research revenues.

According to the CHE capital outlay policy, CHE Rule 430, certain projects are not eligible for CHE recommendation for state funding. Ineligible projects include projects which are primarily used for the following activities:

- Non instructional athletics, such as intercollegiate sports. Examples of ineligible facilities are Pan American Center at NMSU and the UNM Arena.

- Recreational or entertainment events, for either students or the general public.

- All auxiliaries, such as bookstores, golf courses, student unions, and student housing. These operations are not eligible for state funding and are expected to be fully self-supporting from the revenues generated by their operations.

EXTENDED LEARNING ISSUES

The Commission believes that increasing the use of alternative delivery modes in higher education has the potential to provide substantial benefits to New Mexicans. A coordinated statewide extended learning initiative to link our colleges and universities with the public schools will facilitate the sharing of resources, promote efficiencies and reduce duplication, as well as reduce the need for new campuses and new construction on existing campuses. Attaining an optimal level of statewide efficiency and effectiveness in the delivery of educational opportunities to New Mexicans will require the commitment of additional resources by the state.

Stable Funding: Although the state's public higher education institutions continue to demonstrate their commitment to providing extended learning instruction, sufficient and stable financial support from the state is consistently cited as the missing ingredient for achieving major advancements toward an interconnected statewide extended learning system. The Commission supports two approaches to address this need:

1. Initial Start-Up Support: Extended Learning Fund (ELF)

While the statewide extended learning initiative already has made progress in increasing access to higher education (the map on Page 65 shows the current status of the video-based extended learning infrastructure in New Mexico), more progress is needed. Individual institutions continue to move forward with their plans to deliver instruction off-campus, but there is a need to connect their efforts into a coordinated and compatible statewide "system." The CHE has laid the groundwork to coordinate the connection of existing extended learning efforts as well as to stimulate new program development through ELF recommendations. The commitment of financial resources by the state to the ELF is now required to ensure continued progress toward the achievement of the statewide availability of high quality educational services for all learners.

2. Recurring Funding Support: Extended Services Funding Formula Revisions

Based on CHE Rule 5 NMAC 3.12, which deals with extended learning, the Commission is recommending funding formula revisions for extended services instruction and off-campus centers which will equalize the funding of a student credit hour regardless of where in the state the instruction is delivered. The three components of this proposal are 1) full I & G funding for extended services instruction, 2) full I & G funding for off-campus centers, and 3) reduction of the extended services tuition credit to the same level as the CHE's on-campus credit. The fiscal impact of reducing the tuition credit is $767,700 for FY 99, which is included in this years funding recommendations by the Commission.

Potential Impact of the Western Governors University: New Mexico is one of sixteen western states and one territory participating in the Western Governors University (WGU), an independent "virtual" university. This project, initiated by the Western Governors Association, is intended as a regionally accredited collaborative approach using technology to address the increasing demands on higher education. The vision for the WGU is to 1) broaden access to higher education by fostering the use of advanced technology for the delivery of educational services, and 2) shift the

focus of education to formally certifying the actual competence of students and away from "seat time" or other measures of instructional activity. The Commission is supportive of these goals as well as strategies that will position New Mexico's colleges and universities to actively and effectively participate in the WGU. New Mexico's higher education institutions must be technologically prepared to fully participate in an increasingly competitive market for both exporting and importing higher education instruction. The Commission's funding recommendations for funding formula revisions and ELF projects will assist in keeping New Mexico's institutions competitive in this market.

CHE ELF RECOMMENDATION PROCESS

The Commission received 17 individual ELF requests for FY 99, totaling $10.8 million. The Commission incorporated the Information Technology Planning Framework of the LFC, DFA, and CIO offices into the existing ELF review process. The ELF review procedure for 1997 was:

June 9	Notification from CHE requesting ELF proposals
August 8	Submission deadline for ELF proposals to CHE
August - September	Technical Review Team Process
September 8,9	Joint Facilities and Educational Programs Committee hearings on ELF proposals
October 2	Deliberations of the CHE's Facilities Committee
October 3	Preliminary recommendations distributed to applicant institutions
October 24	Deadline for appeals and comments
November 13	Final ELF recommendations presented to the Commission
December	CHE ELF recommendations submitted to the Executive and the Legislature

As part of this process, applicant institutions were given the opportunity to make oral presentations to the Facilities Committee at a two day hearing held in September. The hearings provided the Committee the opportunity to review and evaluate each of the specific requests and to assess and prioritize the higher educational extended learning funding needs from a statewide perspective. Additionally, an outside Technical Review Team was created to assist the Commission in reviewing the technical capabilities of the ELF proposals.

Preliminary recommendations were shared with the applicant institutions, who were given the opportunity to appeal or provide additional comments on the recommendations. Appeals and comments were received from five institutions (NM Highlands University, NM State University, NM State University-Alamogordo, University of NM and EDEN) on five projects. The additional information provided was incorporated into the final review of the relevant ELF proposals.

In recognition of the fiscal limitations New Mexico is currently facing, reduced funding was recommended for some proposals based on several policy decisions made during the review process. In keeping with the ELF criterion regarding institution plans to sustain these start-up projects, recurring transmission, personnel and maintenance costs were recommended to be covered by the ELF only during the first year of operation. Subsequent years' expenditures in these categories should be incorporated into ongoing institutional operating budgets. Additionally, several proposals with a focus on planning for distance education did not sufficiently address the ELF criteria and therefore were not recommended for funding. On November 13 the CHE adopted the ELF recommendations presented in this document.

Review Criteria: As incorporated into 5 NMAC 5.4, the following criteria were used to analyze the 1997 ELF proposals:

1) Does the proposal address the objectives of the ELF?
2) Demonstration of educational need for the proposal, including populations to be served.
3) Proposal details project benefits to customers, operational justification, and a cost-benefit analysis.
4) Congruence of the proposal with institutional mission(s) and strengths.
5) Evidence in the proposal of collaborative planning and support.
6) Cost of the proposal and extent of matching funds provided.
7) Evidence in the proposal of institutional commitment (sustainability) and support services.
8) Project schedule and demonstrable product(s) provided.

9) A detailed technical overview of the proposal is provided demonstrating the interconnect possibilities of existing educational delivery systems and/or develop technologically compatible educational delivery systems.

10) Describes project management, including staff qualifications.

11) Evidence of institutional support services and training for faculty and staff.

12) Inclusion in the proposal of a rigorous assessment and evaluation component.

RECOMMENDATION CATEGORIES AND CRITERIA *for Capital Projects and Extended Learning in this document are presented according to the priority assigned by the CHE. Only the projects in the Significant Need and Needed category are recommended for funding in the FY 1998-99. ELF projects in this document are also presented within the categorical groups defined below and are ranked in priority order.*

- **Significant Need.** Projects in this category are considered vital to support statewide higher education policies and/or the institutions' programs, growth, and missions. Capital projects are recommended because existing facilities are inadequate, overcrowded, unavailable, outdated, deteriorated, hazardous, or have some major design problems which make them unsuitable to meet current program needs.

  In addition, "Significant Need " status is assigned to three statewide priorities: Infrastructure Renovation and Expansion, the Extended Learning Initiative and ADA- Health and Safety Requirements Phase II. Also included in "Significant Need" are; New Mexico School for the Deaf, New Mexico Military Institute and the University of New Mexico Health Services Department.

- **Needed.** These projects are considered necessary but less critical than those in the top category. They are recommended because existing facilities are of poor quality or because additional facilities are needed to provide for necessary expansion. Included in this category are projects which can be accomplished in phases over the course of a few years, perhaps with the institution providing some of the funds. The projects are recommended in priority order.

- **Desirable (Not Recommended).** Are those projects which have been submitted to the Commission for review and are critical in the development of the overall capital improvement needs of each institution. These projects in most cases reflect the Long Range Facility Master Plan of the institution and in certain cases have received preliminary planning and design funds.

ORGANIZATION OF THIS DOCUMENT

This document presents the Commission's recommendations in priority order and includes a description of each project. Each project is divided into two sections: the first section presents the institution's request, and the second section contains the CHE analysis-recommended funding level, and budget breakdown. Also included in this document is the CHE Extended Learning Fund Recommendation for Higher Education.

ENROLLMENT

History of Fall Headcount Student Enrollment
at New Mexico Universities

Institution	1987	1992	1996	1997	% Change Over 1yr.	% Change Over 5yrs.	% Change Over 10yrs.
Research Universities							
NMIMT	1,217	1,504	1,461	1,395	-4.5%	-7.2%	14.6%
NMSU	14,065	15,500	14,749	15,067	2.2%	-2.8%	7.1%
UNM	24,195	24,932	22,643	22,732	0.4%	-8.8%	-6.0%
UNM-Medical	n/a	n/a	302	304	0.7%	n/a	n/a
Comprehensive Universities							
ENMU	3,688	3,723	3,315	3,173	-4.3%	-10.9%	-14.0%
NMHU	2,101	2,807	2,751	2,543	-7.6%	-9.4%	21.0%
WNMU	1,498	2,254	2,157	2,107	-2.3%	-6.5%	40.7%
Total	**46,764**	**50,720**	**47,378**	**47,321**	**-0.1%**	**-6.7%**	**1.2%**

History of Fall Full-Time-Equivalent Student Enrollment
at New Mexico Universities

Institution	1987	1992	1996	1997	% Change Over 1yr.	% Change Over 5yrs.	% Change Over 10yrs.
Research Universities							
NMIMT	1,018	1,262	1,255	1,202	-4.2%	-4.8%	18.1%
NMSU	11,561	12,282	11,695	11,974	2.4%	-2.5%	3.6%
UNM	17,290	17,978	16,702	16,856	0.9%	-6.2%	-2.5%
UNM-Medical	n/a	n/a	302	304	0.7%	n/a	n/a
Comprehensive Universities							
ENMU	3,192	3,236	2,781	2,641	-5.0%	-18.4%	-17.3%
NMHU	1,739	2,301	2,177	1,962	-9.9%	-14.7%	12.8%
WNMU	1,201	11,720	1,580	1,525	-3.5%	-87.0%	27.0%
Total	**36,001**	**48,779**	**36,492**	**36,464**	**-0.1%**	**-25.2%**	**1.3%**

Note: Figures for these two tables exclude off-campus enrollments and are based upon third-Friday census date enrollments.
Source: Institutional Registrar's Reports

History of Fall Headcount Enrollment
at New Mexico Two-Year Colleges

Institution	1987	1992	1996	1997	% Change Over 1yr.	% Change Over 5yrs.	% Change Over 10yrs.
Branch Community Colleges and Instructional Centers							
ENMU Roswell	1,628	2,135	2,855	2,626	-8.0%	23.0%	61.3%
ENMU Ruidoso	n/a	n/a	536	608	13.4%	n/a	n/a
NMSU Alamogordo	1,761	2,007	1,952	2,009	2.9%	9.3%	14.1%
NMSU Carlsbad	989	1,214	1,077	1,144	6.2%	-7.4%	15.7%
NMSU Dona Ana	1,070	3,614	3,883	4,198	8.1%	14.0%	292.3%
NMSU Grants	456	581	690	593	-14.0%	27.3%	30.0%
UNM Gallup	1,421	2,564	3,084	2,612	-15.3%	1.9%	83.8%
UNM Los Alamos	931	1,002	990	934	-5.7%	-6.8%	0.3%
UNM Taos	220	n/a	967	887	-8.3%	n/a	303.2%
UNM Valencia	933	1,364	1,491	1,507	1.1%	10.5%	61.5%
Sub-Total	**9,409**	**14,481**	**17,525**	**17,118**	**-2.3%**	**18.2%**	**81.9%**
Independent Community Colleges							
Albuquerque TVI	n/a	13,669	15,942	16,069	0.8%	17.6%	n/a
Clovis Community	2,629	3,498	3,824	3,674	-3.9%	5.0%	39.7%
Luna VTI	n/a	1,266	1,456	1,193	-18.1%	32.6%	n/a
Mesa Technical	n/a	397	257	256	-0.4%	-35.3%	n/a
NM Junior	2,507	2,811	2,881	2,682	-6.9%	12.9%	7.0%
NM Military	n/a	482	459	457	-0.4%	-5.2%	n/a
Northern NM	1,179	1,455	1,633	1,800	10.2%	23.7%	52.7%
San Juan College	2,833	3,854	4,453	4,544	2.0%	17.9%	60.4%
Santa Fe Comm'ty	2,045	2,916	4,482	4,943	10.3%	69.5%	141.7%
Sub-Total	**11,193**	**30,348**	**35,387**	**35,618**	**0.7%**	**17.4%**	**218.2%**
Total	**20,602**	**44,829**	**52,912**	**52,736**	**-0.3%**	**17.6%**	**156.8%**

Note: Figures exclude off-campus enrollments and are based upon third-Friday census date enrollments. Subtotal and total percentages should be interpreted with caution because of the missing data for some institutions, particularly one as large as Albuquerque TVI. The 1987 headcounts for ENMU-Clovis branch are included with Clovis Community College and the 1987 headcounts for NNMCC-Taos Branch are listed under UNM-Taos.

Source: Institutional Registrar's Reports

History of Fall Full-Time-Equivalent Student Enrollment
at New Mexico Two-Year Colleges

Institution	*1987*	*1992*	*1996*	*1997*	*% Change Over 1yr.*	*% Change Over 5yrs.*	*% Change Over 10yrs.*
Branch Community Colleges and Instructional Centers							
ENMU Roswell	800	1,319	1,704	1,626	-4.6%	23.3%	103.3%
ENMU Ruidoso	n/a	n/a	198	225	13.6%	n/a	n/a
NMSU Alamogordo	843	1,073	1,040	1,096	5.4%	7.2%	30.0%
NMSU Carlsbad	558	702	632	667	5.5%	-4.0%	19.5%
NMSU Dona Ana	609	1,708	1,837	2,087	13.6%	16.2%	242.7%
NMSU Grants	237	323	371	334	-10.0%	19.3%	40.9%
UNM Gallup	680	1,397	1,649	1,492	-9.5%	6.8%	119.4%
UNM Los Alamos	345	392	360	358	-0.6%	-8.7%	3.8%
UNM Taos	n/a	n/a	372	357	-4.0%	n/a	n/a
UNM Valencia	412	742	855	868	1.5%	17.0%	110.7%
Sub-Total	4,484	7,656	9,018	9,110	1.0%	19.0%	103.2%
Independent Community Colleges							
Albuquerque TVI	n/a	7,195	8,039	8,518	6.0%	18.4%	n/a
Clovis Community	1,091	1,484	1,615	1,562	-3.3%	5.3%	43.2%
Luna VTI	n/a	666	767	696	-9.3%	4.5%	n/a
Mesa Technical	n/a	n/a	172	145	-15.7%	n/a	n/a
NM Junior	1,169	1,525	1,647	1,500	-8.9%	-1.6%	28.3%
NM Military	495	538	517	520	0.6%	-3.3%	5.1%
Northern NM	759	964	931	1,004	7.8%	4.1%	32.3%
San Juan College	1,378	1,926	2,375	2,497	5.1%	29.6%	81.2%
Santa Fe Comm'ty	700	1,091	1,537	1,795	16.8%	64.5%	156.4%
Sub-Total	5,592	15,389	17,600	18,237	3.6%	18.5%	226.1%
Total	**10,076**	**23,045**	**26,618**	**27,347**	**2.7%**	**18.7%**	**171.4%**

Note: Figures exclude off-campus enrollments and are based upon third-Friday census date enrollments. Subtotal and total percentages should be interpreted with caution because of the missing data from some institutions, particularly one as large as Albuquerque TVI. The 1987 headcounts for ENMU-Clovis branch are included with Clovis Community College and the 1987 headcounts for NNMCC-Taos Branch are listed under UNM-Taos.

Source: Institutional Registrar's Reports

RECOMMENDATIONS SUMMARY

CHE RANK	1998-99 Capital Project Recommendations	Amount Recomm.
	SIGNIFICANT NEED	
	The CHE's highest priority is the funding of the three statewide Capital Projects	
	INFRASTRUCTURE RENOVATION AND EXPANSION	20,000,000
	EXTENDED LEARNING INITIATIVE	4,832,476
	ADA-HEALTH AND SAFETY REQUIREMENTS	2,000,000
1	NMIMT - Jones Hall Addition and Renovation	2,700,000
2	UNM - Gallup - Instructional Lab Facility	1,275,000
3	NMSU - Goddard Hall Renovation	2,500,000
4	NMSU - Dona Ana - Health and Public Services Building	2,293,000
5	UNM - Instructional Facilities Upgrades	5,000,000
6	WNMU - Center for Information Technology	3,000,000
7	TVI - South Valley Campus Renovation	1,700,000
8	NMSU - Alamogordo - Multi-Purpose Building - Phase II	2,100,000
9	ENMU - Roswell - Instr. Center Remodel & Addition	1,600,000
10	NMHU - Douglas School Renovation and Addition	3,400,000
11	SFCC - Instructional Technology Phase VI	2,000,000
12	WNMU - Renovation of Auditorium	600,000
13	LVTI - Instructional Programs Center Phase III	2,000,000
14	ENMU - Lea Hall Renovation	2,800,000
15	SJC - Early Childhood Development Center Addition	325,000
16	NMSU - Grants College Community Library Planning	50,000
17	* TVI - Work Force Training Center Planning	0
18	NMIMT - Cramer & Weir Hall	5,700,000
19	UNM - Los Alamos Student Services Building Addition	550,000
20	UNM - MTTC Cleanroom Installation	950,000
	Sub Total	**67,375,476**
	SPECIAL SCHOOLS	
	UNM - Health Sciences Center Patient Care Equipment	2,000,000
	UNM - Health Sciences Cancer Patient Care Eq.	1,000,000
	UNM - Health Sciences Center Education Bldg. Planning	250,000
	** UNM - Health Sciences - NM State Tri-Services Building	612,000
	NMSD - Miscellaneous Improvements	750,000
	NMMI - Wilson Hall Upgrades	1,900,000
	Sub Total	**6,512,000**
	Educational Television Equipment Replacement Fund	1,327,000
	SIGNIFICANT NEED TOTAL	**75,214,476**

Needed. These projects are considered necessary but less critical than those in the Significant Need category. Included in this category are projects which can be accomplished in phases, perhaps with the institution providing some of the funds. Needed projects would warrant funding only if additional revenues are available after funding all of the projects in the Significant Need category. The projects are not recommended in priority order.

NEEDED

NMHU - Science and Technology Building	7,000,000
NMJC - Student Center Renovation and Addition	4,066,000
NMSU - Carlsbad - Seminar/Fine Arts Facility	2,175,000
NMSU - Classroom Laboratory and Office Building	11,000,000
NMSU - Renovation of Trost Building	1,406,000
NMSU - Border Area Satellite	1,217,000
SJC - Health and Human Performance Center	7,950,000
UNM - Architecture Building	9,000,000
UNM - Administrative Services Center Planning	250,000
UNM - Science/Technology Complex	13,000,000
WNMU - Property Acquisition	425,000
NEEDED TOTAL	**57,489,000**

GRAND TOTAL **132,703,476**

* Pending further clarification of overall project plan by institution.

** Facility is owned by State of New Mexico General Services Department. Project is of significance requiring attention due to liability concerns.

COMMISSION ON HIGHER EDUCATION
1998-99 CAPITAL PROJECT REQUESTS
INSTITUTION'S REQUESTS

CHE RANK		AMOUNT REQUESTED	AMOUNT RECOMMENDED
	NMIMT		
1	Jones Hall Addition and Renovation	3,000,000	**2,700,000**
18	Cramer Hall & Weir Hall Renovations	5,700,000	**5,700,000**
	Student Services Building Planning	500,000	
	Infrastructure Renovation and Expansion	3,800,000	**1,447,000**
	Physical Education Building Planning	500,000	
	ADA Compliance Projects	2,900,000	
		$16,050,000	
	NMSU - Main Campus		
3	Rennovation of Goddard Hall	3,500,000	**2,500,000**
	Classroom Laboratory and Office Building	11,079,000	
	Upgrade/Expansion of Campus Utility Infrastructure	3,936,000	**2,250,000**
		$18,515,000	
	NMSU - Dona Ana		
4	Health and Public Services Building	2,293,000	**2,293,000**
	Border Area Satellite	1,217,000	
	Southern Area Satellite	1,720,000	
	Infrastructure Renewal	236,000	**225,000**
		$5,466,000	
	NMSU - Alamogordo		
8	Multi-Purpose Building - Phase II	3,342,000	**2,100,000**
	Multi-Purpose Building Parking	528,000	
	Infrastructure Renewal	200,000	**200,000**
		$4,070,000	
	NMSU - Carlsbad		
	Seminar/Fine Arts Facility	3,509,000	
	Infrastructure Renewal	250,000	**250,000**
		$3,759,000	
	NMSU - Grants		
16	College/Community Library Center	4,682,000	**50,000**
	Infrastructure Renewal	250,000	**250,000**
		$4,932,000	
	ENMU - Main Campus		
14	Lea Hall Renovation	3,500,000	**2,800,000**
	Administration Building Renovation	2,670,000	
	Blackwater Draw, Phase Two	1,751,000	
	Infrastructure	2,500,000	**1,952,000**
		$7,921,000	
	ENMU - Roswell		
9	Insrtuctional University Center	$1,600,000	**1,600,000**

	COMMISSION ON HIGHER EDUCATION 1998-99 CAPITAL PROJECT REQUESTS INSTITUTION'S REQUESTS	AMOUNT REQUESTED	AMOUNT RECOMMENDED
	CCC - Clovis Community College		
	Trades Road Parking	$785,000	**785,000**
	NMJC		
	Central Mechanical Complex Addition	1,223,857	
	Student Service Addition and Renovation	3,401,441	
	Infrastructure Roof Repairs	1,500,000	**500,000**
	ADA Improvements	300,000	
		$6,425,298	
	NMMI		
SS	Wilson Hall Upgrade	1,938,300	**1,900,000**
	Infrastructure Improvements	2,250,000	**1,177,000**
	ADA Improvements	1,726,572	
		$5,914,872	
	NMSVH		
	No requests presented for state appropriations	0	
	MTC		
	No requests presented for state appropriations	0	
	UNM - Institution-Wide		
	ADA Compliance	1,125,000	
	Infrastructure Projects	4,394,500	**5,000,000**
	Utility Distribution System Exp./ Upgrade	77,000,000	
20	Educational Equipment-MTTC Clean Room Equipment	2,434,861	**950,000**
		84,954,361	
	UNM - Main Campus		
	Science and Technology Building	25,700,000	
5	Instructional Facilities Upgrade	5,000,000	**5,000,000**
	Architecture Building	9,000,000	
	Administrative Services Center Ph I Planning Funds	250,000	
		$39,950,000	
	UNM - North Campus/Medical Center		
SS	Health Sciences Center Patient Care Equipment	2,000,000	**2,000,000**
SS	Health Sciences Center Cancer Patient Care Equipment	1,000,000	**1,000,000**
SS	Health Sciences Center Education Bldg. (Planning Funds)	1,100,000	**250,000**
**	Health Sciences NM Tri-Services Bldg.	100,000	**612,000**
	Child Care Center Phase II	3,150,000	
	Law School Addition	4,000,000	
		$11,350,000	
	UNM - Gallup		
2	Instructional Lab / Learning Resource Ctr. Expansion	$1,998,750	**1,275,000**
	UNM - Los Alamos		
19	Student Services Building Addition	$1,112,500	**550,000**

	COMMISSION ON HIGHER EDUCATION 1998-99 CAPITAL PROJECT REQUESTS INSTITUTION'S REQUESTS	AMOUNT REQUESTED	AMOUNT RECOMMENDED
	UNM - Taos		
	Education Center Phase II	1,125,000	
	UNM - Valencia		
	Community Student Center Complex	$3,375,000	
	NMHU		
10	Douglas School Renovation	3,800,000	**3,400,000**
	Science and Engineering Bulding	10,000,000	
	Social Work Bldg./Property Acquisition	300,000	
	Natatorium Renovation	300,000	
	Burris Hall Replacement Planning	300,000	
	ADA Campus Improvements	2,000,000	
	Deferred Maintenance Phase I	1,700,000	
	Infrastructure Improvements	1,000,000	**1,447,000**
	Property Acquisition	700,000	
		$20,100,000	
	WNMU		
6	Center for Information Technology	5,672,308	**3,000,000**
	Watts Classrooms Phase II	995,216	
	Infrastructure Renovation and Expansion	2,433,150	**1,447,000**
12	Renovation of Auditorium	1,123,500	**600,000**
	Property Purchase	446,250	
	Renovation of Sechlar Hall	1,045,800	
	Chino Building Renovation	1,153,148	
	Graham Gym Renovation	1,125,433	
	Martinez Dodge Bldg: Renovations/ADA Improvements	1,260,455	
	Harfan Hall Classroom Addition	978,729	
	Museum Renovation	538,410	
	Conversion Old Student Memorial Center	1,693,419	
	Renovat New James Stadium	1,905,860	
		$20,371,678	

	COMMISSION ON HIGHER EDUCATION 1998-99 CAPITAL PROJECT REQUESTS INSTITUTION'S REQUESTS	AMOUNT REQUESTED	AMOUNT RECOMMENDED
	SJC		
	Health and Human Performance Center	7,950,000	
15	Early Childhood Development Center Addition	358,000	**325,000**
	Library/Student Center Expansion	5,100,000	
	Mechanical Systems Upgrades	650,000	**650,000**
	ADA Improvements	250000	
		$14,308,000	
	LVTI		
13	Instructional Programs Center Phase III	2,756,832	**2,000,000**
	ADA Mandated Alterations	2,000,000	
	Learning Resource Center Expansion	2,500,000	
	Wellness Training Facility	185,000	
	Infrastructure Improvements and Energy Management	2,371,344	**750,000**
		$9,813,176	
	NNMCC - Espanola		
	Site Drainage Improvements	700,000	**700,000**
	Property Acquisition	400,000	
	Miscellaneous Building Improvements	600,000	
	Office Occupations/Health Science Building	4,000,000	
		$5,700,000	
	NNMCC - El Rito		
	Phase II Infrastructure Sewer/Water	220,000	**220,000**
	Handicapped Access., Misc. Improvements	120,000	
	Building Renovation and Improvements	500,000	
		$840,000	
	SFCC		
11	Instructional Technology Center	$9,100,000	**2,000,000**
	NMSD		
	Health Safety and Accessibility	564,000	
	Infrastructure Improvements	3,874,000	**750,000**
	Improvements to Dillon Hall	1,500,000	**750,000**
	Residential Living Improvements - Cartwright Hall	482,120	
	Transportation Vehicles	100,000	
	Furniture Replacement for Dormitories and Classrooms	250,000	
	Early Childhood Center - Hester Hall	600,000	
	Student Diagnostic Center Dillon Hall	500,000	
	Educational Support Improvements - Health	50,000	
	TV Studio / Media Center	62,000	
		$7,982,120	
	Albuquerque T-VI		
7	South Valley Campus Renovation/Addition	1,701,000	**1,700,000**
17	Work Force Training Center	4,000,000	**0**
		5,701,000	
	Grand Total	**$296,232,883**	**67,055,000**

SIGNIFICANT NEED RECOMMENDATIONS

SIGNIFICANT
NEED

COMMISSION ON HIGHER EDUCATION — SIGNIFICANT NEED

Infrastructure Renovation and Expansion

Amount Required: $117,954,000

Description: The Commission on Higher Education has recognized that inadequate funding for infrastructure projects over the last several decades has left many of the Higher Education institutions in the state at a critical point in both facilities development and maintenance. Critical centralized systems on many campuses throughout the state are inadequate, inefficient, and prone to failure. The proposed Infrastructure Renovation and Expansion project would include heating, cooling, telecommunications, and electrical distribution. Inadequate infrastructure limits the ability of the institutions to fulfill needs that are required in todays high-tech environments, lowers the overall safety of the institutions, and necessitates that new buildings are constructed with less efficient stand-alone systems.

Justification: The proposed project will provide infrastructure funds to several higher education institutions throughout the state. The projects include various necessary replacements and expansions of centralized systems that are in need of immediate attention.

CHE RECOMMENDATION

Amount: $20,000,000 **Source:** State STB-GOB

Analysis: The Commission on Higher Education and the Facilities Committee strongly recommends this project as the #1 priority for funding this legislative session. The Commission supports funding for Infrastructure Renovation and Expansion of aging centralized systems on the campuses of state colleges and universities. Without the investment in the renovation and expansion of this critical infrastructure need, we will continue to experience this critical issue of decaying campuses, throughout the State of New Mexico.

Project Budget :

	AMOUNT REQUIRED	AMOUNT RECOMMENDED
NMIMT - Socorro - Infrastructure Renovation & Expansion	$3,800,000	$1,447,000
NMSU - Main Campus - Upgrade/Expansion of Campus Utility Infrast.	13,000,000	2,250,000
NMSU - Dona Ana - Infrastructure Renewal	225,000	225,000
NMSU - Alamogordo - Infrastructure Renewal	200,000	200,000
NMSU - Carlsbad - Infrastructure Renewal	250,000	250,000
NMSU - Grants - Infrastructure Renewal	250,000	250,000
ENMU - Main Campus/Branches- Infrastructure Renewal	2,500,000	1,952,000
CCC - Clovis Community College - Access Roads/Parking	785,000	785,000
NMJC - Hobbs - Infrastructure Improvements	1,500,000	500,000
UNM - Main Campus-Domestic Water System/Access Roads	82,000,000	5,000,000
NMHU - Las Vegas - Infrastructure Improvements	5,900,000	1,447,000
WNMU - Silver City - Infrastructure Renovation and Expansion	2,500,000	1,447,000
SJC - Farmington - Mechanical Systems Upgrade	650,000	650,000
NNMCC - Espanola - Site Drainage Improvements	700,000	700,000
NNMCC - El Rito - Phase II Infrastructure Sewer/Water	220,000	220,000
NMMI - Roswell - Sewer/Water/General Improvements	2,250,000	1,177,000
NMSD - Santa Fe - General Improvements	3,874,000	750,000
LVTI - Las Vegas - General Improvements	2,350,000	750,000
TOTAL	$122,954,000	$20,000,000

COMMISSION ON HIGHER EDUCATION — SIGNIFICANT NEED
Extended Learning Initiative

CHE RECOMMENDATION

Amount: $4,832,476 **Source:** STB-GF

Description: The CHE is committed to ensuring access to quality education services so that all residents have the opportunity to fully achieve their potential, regardless of their place of residence. The statewide Extended Learning Initiative supports the development of alternative delivery modes to bring instruction to learners. As a significant component of this initiative, the Extended Learning Fund (ELF) has been created in the State Treasury for the purpose of making awards to public schools and public postsecondary institutions to develop and operate extended learning programs throughout the state. The intent of the ELF is to provide one-time start-up support for up to three (3) years for extended learning projects that would then be incorporated into ongoing institutional budgets. Acceptable proposals may include requests ranging from support for technical needs (e.g., the purchase of technology and equipment) to non-technical support services (e.g., teacher training or academic support). Priority is given to proposals for collaborative projects designed to increase educational services through resource sharing, building off of and connecting to existing efforts. During 1997, the Commission received 17 ELF requests for FY 99 totaling $10.8 million. Based on the established competitive review process, the projects listed below best address the objectives of the statewide Extended Learning Initiative and are recommended for funding.

Institution	Description	ELF Funding Requested	Years Req.	CHE Recommend.	Years Rec.
SIGNIFICANT NEED		**$1,734,875**		**$1,612,680**	
NNMCC	Northern NM Extended Learning Network	$587,375	2	$465,180	2
CCC	Upgrade & Expand Extended Learning System	$1,147,500	1	$1,147,500	1
NEEDED		**$4,132,193**		**$3,219,796**	
NM Highlands University	ELF-Distance Education Project (5 of 6)	$509,225	1	$428,200	1
Western NM University	Instructional Television Project	$879,447	3	$548,235	3
NMSU - Alamogordo	Extended Learning Center Hub	$1,009,930	3	$641,970	3
NM Consortium of Academic Libraries	NM Electronic Academic Library Licensing & Training for Distance Technologies	$779,050	3	$646,850	3
NM State University	Master's Social Work Program w/ Navajo Nation	$37,640	1	$37,640	1
Electronic Distance Ed. Network (EDEN)	Satellite Network & Interactive Video Project	$916,901	1	$916,901	1

COMMISSION ON HIGHER EDUCATION **SIGNIFICANT NEED**
ADA - Health and Safety Requirements

CHE RECOMMENDATION

Amount: $2,000,000 **Source:** STB-GOB

Description: Provide funds for Higher Education facilities to improve handicapped accessibility and safety requirements at Higher Education facilities state wide. This proposal is the second phase of a multi-year request to make accessibility improvements to programs and facilities for the public. The improvements over the next few years will include the installation of elevators, lifts and ramps to existing facilities; and the installation of automatic door openers and the installation of exterior ramps, new curb cuts and sidewalks. This project will also provide for proper signage and allow for some modifications to existing restrooms in order to address the requirements of the "Americans with Disabilities Act" (ADA).

Justification: The improvements that will be made through this Phase of the project will assist the following institutions in bringing their facilities closer to compliance with the safety codes and the standards of the "Americans with Disabilities Act" (ADA):

FOUR-YEAR INSTITUTIONS
UNM - Main Campus
NMSU - Main Campus
NMHU
WNMU
ENMU
NMIMT

TWO-YEAR INSTITUTIONS
UNM - Gallup
UNM - Los Alamos
UNM - Valencia
NMSU - Alamogordo
NMSU - Carlsbad
NMSU - Grants
NMSU - Dona Ana
ENMU - Roswell
NNMCC - Espanola, El Rito
Clovis Community College
New Mexico Junior College
San Juan College
Santa Fe Community College
Albuquerque TVI-Main Campus
Luna Vocational Technical Institute
Mesa Technical College

CONSTITUTIONAL SPECIAL SCHOOLS
NM Military Institute
NM School for the Visually Handicapped
NM School for the Deaf

Distribution Methods: The proposed methods for distributing the available funds will be presented to and approved by the Commission on Higher Education. A working group of representatives (ADA) Task Force representing four-year universities and two-year institutions have agreed to base distribution upon a formula similar to the distribution of BRR funds.

NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY — CHE PRIORITY #1
Jones Hall Addition and Renovation

INSTITUTIONAL REQUEST

1995 STB	$350,000
1996 GOB	4,500,000
1998 Legisiative Request	3,000,000
TOTAL	$7,850,000

Amount: $3,000,000

Description: This project is the number one priority for New Mexico Tech. It will provide for 26,100 net square feet of Biology, Chemistry, Materials and Environmental Engineering labs and renovate the existing Chemistry labs in Jones Hall. It will also add offices, classrooms and one conference room. Jones Hall was built in 1978; the original building was 44,827 square feet. A 1,231 square foot addition was constructed in 1980.

Jones Hall is overcrowded and lacks sufficient space for program expansion. This project will add 45% more space to Jones Hall, Thereby alleviating overcrowding and allowing for projected growth.

The original portion of Jones Hall will be renovated to meet existing life safety codes. The Biology Department will be relocated from Cramer Hall into the new addition. The Biology Department will occupy 10,158 net square feet of space, Environmental Engineering 6,143 net square feet and Chemistry will occupy 4,114 square feet of space. There will also be 3,410 square feet of classroom/conference space added. The space vacated by Biology in Cramer Hall will be renovated under a separate capital project.

Justification: This project is the top requested capital project priority for New Mexico Institute of Mining and Technology. Chemistry and Biology labs are fundamental to basic science education all Tech Students receive. Environmental Engineering is a rapidly growing department and requires additional space to accomplish its goals and objectives. Materials is an important part of Tech's research and academic areas and requires additional facilities.

The Chemistry and Biology labs on campus are currently overcrowded. Enrollment projections show a severe shortage in Chemistry and Biology lab space is imminent. These labs are an integral part of NMIMT mission. Environmental Engineering and Materials are two growing curriculums, both in terms of research and instruction. This project will accommodate current needs for these programs as well improving safety in existing laboratories.

CHE RECOMMENDATION

Amount: $2,700,000 **Source:** STB-SGOB

Analysis: The committee recognizes the national acknowledgement and excellent programs undertaken at New Mexico Institute of Mining and Technology. Due to the fact that this facility will house many programs that are currently instrumental to NMIMT mission it is necessary that this project be scheduled and completed as soon as possible.

Project Budget :

Building Cost	$6,565,000
Construction Contingency	290,000
Architectural/Engineering	579,350
Surveys/Testing	30,000
Project Inspection	15,000
Legal and Administrative	5,000
Art in Public Places	65,650
TOTAL	$7,550,000

UNIVERSITY OF NEW MEXICO - GALLUP
Instructional Lab Facility

CHE PRIORITY #2

INSTITUTIONAL REQUEST

Amount: $1,998,750

Source: 1995 General Fund	$100,000
1997 General Fund	200,000
1998 Legislative Request	1,998,750
Local G.O. Bonds	766,250
TOTAL	$3,065,000

Description: Construct a building for computer science instruction, as well as general classrooms and a large lecture hall. The computer science facilities would include computer labs, specialized classrooms, a secure storage area for software and equipment, and faculty and administrative offices. The other portions of this project include a general classrooms and a large lecture hall with seating for 350-400 people for lectures, assemblies, programs, guest speakers, and community events. The project includes the demolition of old Lion's Hall, which is scarcely used due to its deteriorating, hazardous condition. The new facility would become the new Lion's Hall.

Justification: The continuing demand for computer science instruction has resulted in extensive overcrowding of existing spaces and overflow of computer labs into other classrooms. Due to the large and growing demand, microcomputer classes are scheduled so closely that there are few if any open hours at microcomputer stations for student use.

The Gallup campus has no large instructional areas suitable for lectures or for campus or community events. In addition, the enrollment growth and the conversion of classrooms into computer labs has created a shortage of general classrooms. In the past two years, student full-time equivalent (FTE) enrollment has grown 21% and 16% as it has increased from 889 to 1,257 FTEs.

CHE RECOMMENDATION

Amount: $1,275,000 **Source:** STB-GF

Analysis: The Commission acknowledges the Gallup Branch and its district voters for the passage of a local general obligation bond issue. The enrollment increases at the Gallup Branch have placed significant pressure on their facilities. In addition, the demand for computer instruction continues to rise due to interest from local businesses as well as students. The state and local funding represents the state-local split, consistent with CHE requirements for two-year colleges.

Project Budget:

Building Cost	$2,280,448
Built-in Equipment	136,891
Site Development	118,816
Construction Contingency	118,639
Architectural/Engineering Fees	150,000
Surveys/Testing/Inspection	45,631
Legal/Administrative	30,420
Movable Equipment	161,167
Art in Public Places	22,988
TOTAL	$3,065,000

NEW MEXICO STATE UNIVERSITY - MAIN CAMPUS — CHE PRIORITY #3

Renovation of Goddard Hall

INSTITUTIONAL REQUEST

Amount: $2,678,000

Source: 1998 Legislative Request $3,500,000
Federal NSF Grant: 1,300,000
Private Gifts 1,100,000
TOTAL $5,900,000

Description: The scope of this project is the renovation of Goddard Hall. This historic Trost designed building was originally constructed in 1913 with further additions in the 1930's. Since its original construction, it has served as a landmark for the campus with its tower adjacent to the Horseshoe. This facility is currently in need of massive renovation to replace all interior finishes, mechanical, and electrical systems, as well as exterior repair to ensure the continued utilization of the facility into the next century. It is currently occupied by the College of Engineering and would retain that role.

In an effort to find alternative ways to fund basic campus needs, the College of Engineering has successfully sought a grant from the National Science Foundation in the amount of $1,300,000 which, when matched up with state funding, will accomplish the renovation of the 1937 wing of the facility. The grant is a tremendous benefit to NMSU as it supports an already high priority project. There are limitations to the grant in that it must be spent only on that portion of the project that will provide high technology lab and research space. This mandates that additional state funding be acquired to accomplish the renovation of the original 1913 portion of the facility. The College of Engineering is working to raise other funding toward this effort through a campaign that is already yielding some results. Any funds acquired through this campaign will supplement state funding in the renovation of the 1913 portion of the facility.

Regardless of fund source, this project is necessary in order to preserve a campus landmark and to create a facility that is viable and safe.

Justification: Without upgrade, the continued utilization of this building would be impossible and the square footage will be lost as useable space. It is imperative that what square footage is available on campus is not reduced due to the need for additional square footage being so profound. Therefore, in order for us to continue to meet the historic engineering education and outreach of New Mexico State University it is imperative that this building be made available for service into the next century.

CHE RECOMMENDATION

Amount: $2,500,000 — **Source:** STB-GF

Project Budget:

Building Cost	$3,992,000
Construction Contingency	350,000
Architectural/Engineering Fees 9%	360,000
Surveys/Testing	30,000
Movable Equipment	128,080
Art in Public Places	39,920
TOTAL	$4,900,000

NEW MEXICO STATE UNIVERSITY - DONA ANA
Health and Public Services Building - Phase II

CHE PRIORITY #4

INSTITUTIONAL REQUEST

Amount: $2,293,000

Description: Construct a 45,000-gross-square-foot Allied Health Facility. The building would consist of two stories and may be located adjacent to Las Cruces medical facilities or as an expansion of the existing campus. The facility would house classrooms, laboratories, and offices for existing Radiologic Technology, EMS/Paramedic, Respiratory Care, and Nursing Assistant programs, as well as the associate Degree in Nursing (ADM) which was initiated in the Fall of 1994. Laboratories for related physical and biological sciences will also be provided. Additional projected programs to be housed in the facility could include Medical Assistant, Homemaker/Home Health Aide, Physical Therapist Assistant, and Medical Lab Technician.

Justification: The Dona Ana Branch is experiencing a tremendous jump in enrollment. From 1987 to 1997, the Fall enrollment rose from 609 to 2,087 student full time equivalents (FTE). The institution simply cannot accommodate such growth without additional facilities.

The allied health programs are integral to the mission of the community college to train people for economic independence in the community and to fill job training needs in its service area, Dona Ana County. Current health training programs offered in the Division of allied health and Public 'Service include the allied health programs of Radiologic Technology, Respiratory Care, and Emergency Medical Services (EMS) Paramedic.

Accreditation of these programs is by Joint Review Commissions in each specialty which have stringent facility requirements. The Nursing Assistant program is also available. The community college is initiating an Associate Degree of Nursing program. The facility requirements of which are set by the New Mexico board of Nursing and the National League for Nursing.

CHE RECOMMENDATION

Amount: $2,293,000 **Source:** STB-GF

Analysis: This project has been highly recommended by the CHE for the past two years due to the enrollment growth experienced at NMSU Dona Ana branch. The 1998-99 recommendation is for state funding of $2.29 million, for the Health and Public Services Building Phase II.

Project Budget:

Building Cost	$1,672,000
Built-in Equipment	98,000
Site Development	120,000
Construction Contingency	80,800
Architectural/Engineering Fees	122,000
Surveys/Testing/Inspection	51,300
Movable Equipment	130,000
Art in Public Places	18,900
TOTAL	$2,293,000

UNIVERSITY OF NEW MEXICO
Instructional Facilities Upgrades

CHE PRIORITY #5

INSTITUTIONAL REQUEST

1996 State General Obligation Bonds	$1,500,000
1998 State Appropriation	5,000,000
TOTAL	$6,500,000

Amount: $5,000,000

Description: This project shall provide for renovations of the following Instructional Facilities on the main campus of the University of New Mexico:

1. Learning Technologies Center (Bldg. No. 64) - renovations to the existing 12,030 sq. ft. Vocational Instruction Building in the College of Education, creating a home for a program which teaches teachers how to use the latest teaching technologies.

2. Art Annex Remodel (Bldg. No. 105) - would convert 15,000 sq. ft. into Offices, Meeting Rooms and Support Space for the UNM Development Offices.

3. General Classroom Improvements (various) - Upgrades classroom space across the central campus by: improving the audio and video delivery of instruction; facilitating interactive teaching methodologies, eliminating barriers for all physical learning impairments and linking all classrooms to the campus and state information network.

Justification: The Institutional Plan stresses the appropriate use of technologies in support of its teaching, research and public service missions. The Learning Technologies Center and the Classroom Improvements respond to that goal. The Art Annex Renovation responds to the University's goal to seek greater financial support from state government, federal grants and private giving.

The Learning Technologies Center and Improvements in General Classrooms enhance the teaching mission by responding to faster and more cost effective ways of delivering information. Electronically transmitted information will connect the campus to community and state computer networks. The Art Annex project will upgrade space for the development functions and thereby maximize the institution's ability to complete for financial support.

These projects, in general, adapt existing space to needs that represent the institutions highest major capital priorities. It also addresses some improvements made necessary by deferred maintenance, which can not readily be addressed with formula-generated BRR capital funds.

CHE RECOMMENDATION

Amount: $5,000,000 **Source:** State STB-SGOB

Analysis: The committee feels that these renovation projects and general improvements will enhance the teaching mission by responding to more efficient , faster and more cost effective ways of delivering educational information. UNM enrollment shows a slight increase this year but is expected to increase in the future with increased high school graduates, and the New Mexico Lottery Tuition Scholarship Program. The proposed facilities improvements are for facilities at the University of New Mexico main campus which are not up to standards for adequate teaching and support. The Facilities Committee feels strongly that renovating existing facilities is a higher priority this year than recommendations for new facilities at the University of New Mexico main campus.

Project Budget:

Building Cost	$5,270,000
Construction Contingency	250,000
Architectural/Engineering Fees	365,000
Surveys/Testing	75,000
Project Inspection	55,000
Legal/Administrative	30,000
Equipment	390,000
Art in Public Places	65,000
TOTAL	$6,500,000

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WESTERN NEW MEXICO UNIVERSITY **CHE PRIORITY #6**
Center for Information Technology

INSTITUTIONAL REQUEST

Amount: $5,672,308

Description: This facility presents WNMU's greatest current academic need and is the #1 priority of the WNMU Board of Regents. In 1996, the legislature approved $100,000 of General Fund monies to begin planning this project. Completion of this project will greatly assist us in the accomplishment of all aspects of our teaching and will serve as the center for all academic computing. Campus networking will be aided by this project. The facility will house modern computer laboratories, computer science and general classrooms, large lecture halls, and departmental offices for faculty and one conference room. The facility will provide state-of-the art teaching and conferencing capabilities.

The project will also accommodate another critical need by providing, for the first time, campus-wide computer networking between faculty, staff, students and critical support activities such as the library and learning resource center. The ability to initiate campus computer networking will also provide linkages outside of the main campus and will facilitate access to external data bases. The ability to share information with entities state-wide nationally, and internationally will also be possible.

Justification: Western New Mexico University's most critical needs are for additional general classrooms, modern computer laboratories, and networking. The University has , for a number of years, recognized a critical need for this type of facility and networking capability. North Central Accreditation visits in 1983 and again in 1991 highlighted, as a major concern, gross inadequacies in the area of academic computing and emphasized the need to move ahead rapidly to correct these deficiencies. These concerns have not been adequately addressed. The new facility and a campus networking capability are deemed essential for future accreditation. The next accreditation visit was completed in the fall of 1997.

Additionally, the University has been experiencing a shortage of classroom space. Since 1987, when WNMU's enrollment was 1,200 students, today over 1,500 students enrolled in the Fall of 1997. Since this increase in enrollment no new instructional facilities have been constructed at the main campus.

State demographic indicators predict that Grant county can expect continued growth. In light of this forecast WNMU believes that it is essential to increase classroom instructional spaces to meet future demands.

CHE RECOMMENDATION

Amount: $3,000,000 **Source:** State STB-SGOB

Analysis: The Commission recognizes this as an important project at Western New Mexico University. The Facilities Committee therefore recommends funding for design and construction of the Center for Information Technology at the main campus in Silver City, NM.

Project Budget:

Building Cost	$2,250,000
Built-in Equipment	150,000
Site Development	84,000
Construction Contingency	112,500
Architectural/Engineering Fees	180,000
Surveys/Testing/Inspection	30,000
Moveable Equipment	171,000
Art in Public Places	22,500
TOTAL	$3,000,000

ALBUQUERQUE TECHNICAL-VOCATIONAL INSTITUTE — CHE PRIORITY #7

South Valley Campus Renovation - Phase III

INSTITUTIONAL REQUEST

Amount: $1,701,203

Description: Albuquerque Technical Vocational Institute is seeking funding for construction of the third phase of work for the existing 30,000 square foot structure located on 7.8 acres at 5816 Isleta Boulevard, SW, in the County of Bernalillo. Phase 1 renovations of approximately 12,000 square feet were completed in June of 1995, and Phase 2 renovations of 8,400 square feet were completed in the Fall of 1996.

The scope of work for Phase III will include interior refurbishment to the balance of unfinished spaces in the extreme northwest wing and entire northeast wing. A new toilet room, re-roofing and miscellaneous exterior site improvements are also proposed.

Interior improvement to existing spaces within the northwest and northeast wings consist of approximately 11,942 net square feet and will include some demolition, new partitioning, new ceilings, lights, carpeting, and painting throughout. Improvements to the mechanical and electrical systems are also proposed. Building Code upgrades and ADA handicapped accessibility improvements will be made, and the existing vinyl asbestos floor tile will be abated and replaced.

New educational programs envisioned for the eleven future spaces within the northwest and northeast wings include areas for general classrooms, computer labs and environmental technology labs, and space for the relocation of the admissions office and faculty lounge.

A new restroom facility is proposed for the northeast wing, which will bring the entire campus into compliance with the Uniform Plumbing Code.

Approximately 23,375 square feet of re-roofing is proposed for the remaining roof areas at the northeast and south wings; a moderate amount of abatement of asbestos-containing roof flashing will be required.

Justification: This project is consistent with Governing Board Resolution 1994-2 in which the TVI Governing Board made a commitment to develop a campus in each quadrant of the City. The project, initiated by the South Valley Higher Education Initiative, brought much needed postsecondary education to the South Valley. TVI's presence has been a positive factor in increasing the educational opportunities of area residents. South Valley Campus educational programs are consistent with the Albuquerque TVI mission. South Valley residents strongly support Albuquerque TVI in its efforts to establish a campus in the South Valley area. A recent survey of South Valley area residents indicates an existing academic need for Albuquerque TVI educational programs.

CHE RECOMMENDATION

Amount: $1,700,000 **Source:** STB-SGOB

Analysis: The Commission recognizes the increasing enrollment at the Albuquerque Technical Vocational Institute and the extensive support in local funding for its Capital Facilities. Demand for a wide range of educational programs continues to increase among the people of the South Valley. Implementation of the proposed Phase III curricula will allow the Institution to continue to properly address the community's needs well into the future.

Project Budget :

Construction Cost	$1,258,233
Construction Contingency	125,823
Architectural/Engineering Fees	124,565
Surveys/Testing	20,000
Legal/Administrative	8,797
Movable Equipment	150,000
Art in Public Places	12,582
TOTAL	$1,700,000

NEW MEXICO STATE UNIVERSITY - ALAMOGORDO BRANCH — CHE PRIORITY #8

Multi Purpose Building - Phase II

Student Fees	$1,100,000
1998 Legislative Request	3,509,000
TOTAL	$4,609,000

INSTITUTIONAL REQUEST

Amount: $3,509,000

Description: NMSU Alamogordo Branch requests the addition of approximately 35,000 gross square feet to the multipurpose facility. The project will provide space for the following: a child care center, community education classrooms, general classrooms, indoor racquet ball courts, weight and aerobic rooms. Outdoor areas include tennis courts (6-8), basketball and volleyball areas, additional parking of 500-700 parking spaces.

Justification: The completed multipurpose building will allow the Alamogordo Branch for the first time to provide comprehensive indoor and outdoor physical education programs.

The child care ce .er will enable the Alamogordo Branch to provide a greatly needed service for students and provide a campus laboratory for the present child care program.

The proposed project will provide an additional six classrooms for continuing education purposes. The addition of parking spaces will remove the acute problem which now exists and provide the future expansion of the student body.

CHE RECOMMENDATION

Amount: $1,100,000 Student Fees **Source:** STB-SGOB

Project Budget :

Construction Cost	$2,350,000
Site Development	400,000
Construction Contingency	112,500
Architectural/Engineering Fees	160,000
Surveys/Testing/Inspection	30,000
Art in Public Places	22,500
Movable Equipment	125,000
TOTAL	$3,200,000

EASTERN NEW MEXICO UNIVERSITY - ROSWELL
Instructional Center Remodel and Addition

CHE PRIORITY #9

INSTITUTIONAL REQUEST

Local General Obligation Bond	$4,006,655
1998 State Appropriation	1,600,000
TOTAL	$5,606,655

Amount: $1,600,000

Description: The Roswell branch campus of Eastern New Mexico University has experienced substantial growth over the past decade. The existing instructional classroom space is very heavily utilized during peak times of the day. The main campus in Portales is also significantly expanding upper division and graduate program offerings in Roswell. Additional classrooms, especially those well-equipped for use of new instructional technologies, are needed to address the continuing growth of the institution.

The proposed 54,000 GSF Instructional Center would include state-of-the-art classrooms equipped for telecommunication of instruction, as well as conventional classrooms, laboratories and faculty offices. In addition to serving as the home for Extended Learning programs offered by the main campus, this facility could serve as the site for delivery of programs offered via the proposed Western Governor's University and New Mexico Virtual University. It would also increase the capacity of the Roswell campus to deliver concurrent enrollment and lower division courses to communities in the lower Pecos Valley.

This project combines two priorities from the ENMU-Roswell facilities master plan, Design 2000. These priorities (expansion of the Instructional Center and the University Center) into one request (Instructional Center) that would serve both needs on a reduced scale. This Instructional Center would be financed by issuing $4 million in remaining general obligation bonds and with a $1.6 million state appropriation.

Justification: Continuing and significant growth of Eastern New Mexico University-Roswell campus requires that the College respond to increasing instructional needs of the students. Requests for upper division and graduate courses are numerous. In order to be responsive, the Instructional Center was planned -- a facility that is to be constructed and equipped to deliver upper division classes in the lower Pecos Valley.

In addition, ENMU-Roswell continues to reflect healthy enrollment growth. Classroom space continues to be insufficient to meet the instruction needs of our student population. There is a need for lecture halls and consolidation of computer laboratories into one location. The Developmental Skills program is rapidly expanding and requires additional classrooms to accommodate their instructional needs.

The Instructional Center project is a combination of two priorities of the Design 2000 five-year facility plans for Eastern New Mexico University-Roswell.

CHE RECOMMENDATION

Amount: $1,600,000 **Source:** STB-SGOB

Analysis: The Committee believes that this renovation project will help provide a more efficient and better utilized facility for the increasing enrollments and academic needs. The recommendation reflects local GOB funds to be added to the recommended funding amount.

Project Budget :

Construction Cost	$4,626,990
Site Development	220,000
Construction Contingency	150,000
Architectural/Engineering Fees	339,289
Art in Public Places	55,546
Movable Equipment	214,830
TOTAL	$5,606,655

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NEW MEXICO HIGHLANDS UNIVERSITY
Douglas School Renovation and Addition

CHE PRIORITY #10

INSTITUTIONAL REQUEST

Source: 1996 State GOB	$1,000,000
1997 Legislative Request	2,000,000
TOTAL	$3,000,000

Amount: $3,800,000

Description: The acquisition of the Douglas School property from the Las Vegas Public Schools has been recently completed by New Mexico Highlands University. The subject property is a beautiful historical building designed by John Gaw Meem in 1928, and is currently listed on the National Register for Historic Places. The Las Vegas Public Schools closed down the Douglas School property in the late 1980's due to life safety and code violations. The existing building is structurally sound however is in dire need of new electrical and mechanical systems and improvements to both the buildings interior and exterior.

Justification: The Douglas School Property is centrally located adjacent to the New Mexico Highlands University main campus in Las Vegas NM. The renovation of this facility will help provide space to house the School of Liberal and Fine Arts which has experienced steady growth over the past 8 years. The renovation of this existing facility will add approximately 16,318 Gross Square Feet to the classroom and faculty office needs at the University. The proposed project also calls for the construction of a new 10,000 Gross Square Foot addition to the existing facility.

CHE RECOMMENDATION

Amount: $3,400,000 **Source:** STB-GF

Analysis: This project has been presented to the Commission on Higher Education and has been recommended in the Significant Need category for several years. The funding recommendation from the Commission on Higher Education for this project is for the renovation of the existing building and includes the building addition to the existing Douglas School.

Project Budget:

Building Cost	$2,318,000
Built-in Equipment	70,000
Site Development	100,000
Construction Contingency	200,000
Architectural/Engineering Fees	200,000
Surveys/Testing	17,000
Legal and Administrative	20,000
Art in Public Places	25,000
Movable Equipment	50,000
TOTAL	$3,000,000

SANTA FE COMMUNITY COLLEGE **CHE PRIORITY #11**
Instructional Technology Phase VI

INSTITUTIONAL REQUEST

Source: 1996 State GOB: $2,000,000
Local G.O. Bonds: 2,000,000
1998 Legislative Request: $4,000,000

Amount: $4,000,000

Description: Technology is changing the traditional classroom environment and the way in which students learn and study. At Santa Fe Community College:

1. Teachers are using more computer-based instructional materials in the classroom.
2. Students are taking more self-paced courses which use computers.
3. Library services are being automated and linked by computer with other resources around the state.
4. There is a growing demand for general computer classes because people need to keep up to date with various hardware and software applications that a re forever changing in today's competitive workplace.
5. Distance learning is breaking down traditional classroom walls and enabling more students to access programs and services.

The Instructional Technology Center at SFCC will enable the college to bring all of these activities together in a centralized area that will better serve students and staff. It will also provide the technology required to distribute and receive new educational programs for the community.

The Instructional Technology Center is consistent with SFCC's long-range campus master plan and will involve the remodeling of 12,600 square feet of existing space and the addition of 41,200 square feet. It will include the following spaces:

Central Open Lab(100 stations)	Developmental Studies Writing Center
Flex Lab (Self-Paced/Alternative Scheduling)	Professional Development/Technology Center
Autodesk Training Center	Distance Learning Classroom

Justification: Enrollments at SFCC continue to grow rapidly, and computer classes, in particular, are in high demand. The number of existing computer labs and work stations is insufficient to keep up with the demand.
Many SFCC students hold down full-time jobs during the day and need flexible scheduling alternatives at night and on the weekends. SFCC's existing Flex lab is serving a growing number of students who are using self-paced computerized courses to achieve their educat onal goals. A larger Flex Lab will enable SFCC to keep pace with demands for alternative scheduling.

CHE RECOMMENDATION

Amount: $2,000,000 **Source:** STB-SGOB

Analysis: Santa Fe's citizens have made significant contributions toward campus development. Local voters have approved three general obligation bond referendums totaling $43.7 million. The Facilities Committee recognizes the increasing enrollment at the Santa Fe Community College and the extensive support in local funding for it's capital facilities. Local voters have approved three GOB issues in 1984, 1988, and 1992 totaling $43.7 million.

Project Budget:

Construction Cost	$5,000,000
Construction Contingency	200,000
Architectural/Engineering Fees	350,000
Surveys/Testing	20,000
Legal/Administrative	5,000
Movable Equipment	375,000
Art in Public Places	50,000
TOTAL	$6,000,000

INSTITUTIONAL REQUEST

1998 Legislative Request $1,490,798

Amount: $1,490,798

Description: The Western New Mexico University Fine Arts Auditorium was constructed in 1966 and has never undergone a major renovation. The proposed project will address several critical needs necessary to ensure the future use and vitality of this important academic and cultural asset.

The 1996 G.O. Bond issue provided 500,000 to begin addressing some of these project needs. A lift for the orchestra pit, some electrical upgrades and minor roof repairs have been completed.

The renovation will also provide for much needed handicapped accessibility, and also includes improving accommodations for the hearing and visually impaired members of the community. The work will also address several other critical needs such as, replacement and overall improvements of the antiquated lighting and electrical systems and installation, for the first time, of a sound system. The renovation will also provide for modern technological auditorium systems such as an improved stage system and orchestra pit.

The Fine Arts Auditorium, is located on the main campus and encloses approximately 20,250 gross square feet. The existing buildings mechanical system is in need of repair, the heating and cooling systems must be updated in order to enable continued use of the facility. Also to be included is needed access to the building for large items such as stage props, and other large pieces of stage equipment. It is also planned to provide some minor improvements to the buildings exterior facade.

Justification: The Fine Arts Center at Western New Mexico University is one of the most important facilities on the main campus. The Center, in addition to serving the students, is the focal point for major cultural and public service activities in Southwest New Mexico This center is among the most intensely used facilities in the region and in terms of performance and rehearsal hours, academic use, and utilization for public service activities, the center is critical for the residents of southwestern New Mexico. No major capital improvements have been made to the facility on over 30 years. Improvements and renovations of this facility are long overdue and must be accomplished in order for WNMU to continue to fulfill its mission of academic and public service to the southwestern region of New Mexico.

CHE RECOMMENDATION

Amount: $600,000

Source: State STB-GF
Local Funds $890,798
1998 Legislative Appropriation $600,000

Analysis: The committee feels that this renovation project and general improvements will enhance the overall mission by responding to the needs of both the students and the entire community in Silver City and the Southwest part of the state. This building is in poor condition and the renovation needs are extensive especially in view of the buildings high utilization. The Facilities Committee feels strongly that since the facility will also be utilized by the community local funding will help provide a true sense of ownership and pride for the completion of this needed project.

Project Budget:

Building Cost	$1,123,500
Construction Contingency	115,395
Architectural/Engineering Fees	132,195
Asbestos Abatement	99,750
Art in Public Places	19,958
TOTAL	$1,490,798

LUNA VOCATIONAL-TECHNICAL INSTITUTE
Instructional Programs Center - Phase III

CHE PRIORITY #13

INSTITUTIONAL REQUEST

Amount: $3,027,526

Description: The LVTI Instructional Programs Center Phase I and II legislative appropriations will allow for the Institute to complete construction of a facility to house the LVTI Food Services Occupations Programs, the Physical Therapy Program and the Occupational Therapy Programs. Construction started April 1, 1994, and was substantially completed as of October 31, 1995.

The IPC Phase III request is needed to complete construction of an addition to the Instructional Programs Center to house the following Health Occupations Programs: Nursing (LPN/AND), Dental Assistant and Medical Lab Assistant. Construction will include classrooms and laboratories for each one of the programs, as well as, specialized laboratories for some of the General Education courses such as, Natomy and Physiology, Chemistry and General Sciences. Additionally, it will include storage rooms and instructional offices for each one of the program areas, as well as purchase of instructional moveable equipment, furniture and site development.

This request is part of a long term phased project. The new construction for phase III will contain approximately 25,141 square feet. The existing facility occupies approximately 19,000 square feet. Partial construction of Phase III began on October 25, 1995, and was completed February 22, 1996. The partial construction included site demolition, site utilities, building foundations and floor slabs, underslabs, mechanical/electrical/communications control systems consisting of empty conduit components. This work was accomplished through limited funds in the amount of $407,245 from the 1994 GOB legislative appropriation and subsequent passage. The additional estimated total cost of construction to complete Phase III is $2,727,822.

Justification: LVTI began offering courses leading toward Associate of Applied Science (AAS) degrees in Physical Therapy Assistant and Occupational Therapy Assistant in the fall of 1992. Currently, LVTI does not have any dedicated facilities or the specialized exercise equipment necessary for instruction of these programs. New Mexico currently has a shortage in several health professional fields including physical therapists, physical therapy assistants, occupational therapists, and occupational therapist assistants. LVTI will be establishing the only two-year physical therapist assistant program in the state. Data indicates that the employment opportunities for assistants in both physical and occupational therapy will be very strong through the year 2000.

CHE RECOMMENDATION

Amount: $2,000,000 **Source:** STB-SGOB

Analysis: The Commission recognizes that this project is directly related to LVTI's mission to train its students for employment in today's job market. This request provides a facility that is affected by technological change and new program delivery methods; a facility that is required by fluctuation in the demand for various educational programs or support services; a facility critical to the institution's long-term viability and success.

Project Budget: (Institution)

Building Cost	$2,638,716
Construction Contingency	131,936
Architectural/Engineering Fees	72,296
Legal and Administrative	20,098
Art in Public Places	29,976
Movable Equipment	134,504
TOTAL	$3,027,526

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EASTERN NEW MEXICO UNIVERSITY — CHE PRIORITY #14

Lea Hall Renovation

INSTITUTIONAL REQUEST

Amount: $3,500,000

Description: Lea Hall is one of the oldest buildings on the Eastern New Mexico University main campus. Originally constructed as a dormitory, it now houses the Department of Communicative Arts & Sciences, Department of Anthropology and Political Science, University Post Office, Health Services and other offices.

This aging but functional 30,000 GSF facility is in deteriorating physical condition and is in need of extensive renovation and improvement. In addition to general remodeling of existing spaces, the requested funds would be used to upgrade or replace plumbing, electrical and mechanical systems. Restrooms would be expanded to comply with ADA accessibility standards. The project would also include replacing existing windows, re-pointing brick walls, and re-roofing the entire facility.

The renovation will replace plumbing and water systems; construct additional and make existing restroom facilities ADA accessible on the first and second floors; and add control valves to the heating/cooling system. This will automate the system change-over and zoning of the building systems, and expand the heating/cooling capacity to include the existing windows; adding electrical services for the building; and re-roofing Lea Hall will also be included in the renovation. This will complete the transition from an old, outdated residence hall to a modern functional office, classroom, and laboratory building.

Justification: Lea Hall houses the Department of Communicative Arts and Sciences and the Department of Anthropology and Political Science. In addition to typical classroom and office requirements, these departments also have need for specialized laboratory spaces that will be improved through this project. Upgrading of facilities for these two academic departments is directly related to the academic mission of the University.

CHE RECOMMENDATION

Amount: $2,800,000 **Source:** STB-SGOB

Analysis: The Facilities Committee supports this renovation of inadequate space which would provide improved utilization of existing facilities on the ENMU main campus in Portales.

Project Budget:

Building Cost	$2,190,000
Built-in Equipment	170,000
Utilities	18,000
Construction Contingency	185,100
Architectural/Engineering Fees	190,000
Surveys/Testing	20,000
Legal/Administrative	5,000
Art in Public Places	1,900
TOTAL	$2,800,000

SAN JUAN COLLEGE
Early Childhood Development Center Addition

CHE PRIORITY #15

INSTITUTIONAL REQUEST

1995 STB	$295,000
1995 GF	300,000
1998 Legislative Request	308,000
TOTAL	$903,000

Amount: $325,000

Description: The proposed project will be a 5,633 gross square feet facility enclosing two pre-school labs, two observation rooms, a parent resource classroom and faculty offices.

Since the San Juan College Child Development Center has been open, the waiting list from students has increased significantly. At spring semester of 1994 the waiting list included almost 155 names. These enrollment figures reflect the growing need for quality care on the part of San Juan College students, as well as a recognition of the Centers support for ethnic and family diversity (55 percent are low income families). The major unmet request is for a program which would serve the needs of children who are young two year olds. The existing center lacks a room which would include diapering facilities for these toddlers. Parents place one-year-olds on the centers waiting list in hopes that they can accommodate them when their children turn two.

Justification: Early Childhood Education is the third-highest enrollment of students at San Juan College. The need for quality sites for field placements has grown proportionately. As of Spring 1996, each classroom served two college students each morning and each afternoon of the week. In addition, new AVS agreements with Farmington High School will result in SJC continuing to serve approximately twelve high school students per year.

It is the function of the Child Development Center to serve as a lab setting where students can experience a broad range of early childhood teaching experiences. Observation rooms with over a thousand signed -in observers are frequently full and are unable to be used by large groups without pre-scheduling. The SJC center is the site for Child Care Referral Services for all families in San Juan County. These services are currently housed in a storage room with no private space.

CHE RECOMMENDATION

Amount: $325,000 **Source:** STB-SGOB

Analysis: The committee recognizes the significant amount of local funding that has helped develop San Juan College has received by it's district voters in support of the college. In addition to the tremendous enrollment increases experienced over the past few years, future enrollment increase are projected, which underscore the need for additional general classrooms. Since the primary mission of SJC is to provide educational opportunity to the citizens of the county, it is imperative that the college is able to expand its offerings. This proposed new Child and Family Development Center, featuring the latest instructional technology, would assist the college in fulfilling it's mission.

Project Budget:

Building Cost	$536,650
Built-in Equipment	57,000
Site Development	156,000
Construction Contingency	30,000
Architectural/Engineering Fees	55,800
Surveys/Testing/Inspection	40,020
Administrative	5,000
Art in Public Places	9,530
Movable Equipment	63,000
TOTAL	$953,000

NEW MEXICO STATE UNIVERSITY - GRANTS
College/Community Library Center Planning

CHE PRIORITY #16

INSTITUTIONAL REQUEST

Amount: $50,000

Description: NMSU Grants is proposing the development of a unique library in Cibola County. The concept provides a common facility for the Grants City Library and the NMSU Grants Library. The libraries would be housed in a common facility, but maintain separate collections, while sharing common check out facilities. In addition to the cooperation between the city and the college, it is expected that the Grants/Cibola County Public Schools will be part of the coordinated effort. Thus, public school students throughout the system would have 24 hour delivery when requesting books. In order to expand the cooperative effort, negotiations are under way with the Pine Hill Navajo Reservation to join the library.

In addition to the city and college libraries, the proposed facility would contain two special collections. The first, the 13th Judicial District Law Library, is housed in a very small room as part of the college collection. The second collection would be devoted to a history of Native American literature. Located in this unique multi cultural area, this collection would be a very special addition to the culture of New Mexico.

Although classroom facilities at NMSU-Grants are adequate to sustain growth in enrollment, the library is below ALA standards. Furthermore, Grants/Cibola County has been identified as the fastest growing area in Northwest New Mexico. Reflective of that community growth, NMSU-Grants sustained an FTE growth rate of 19.3% over the last five years.

CHE RECOMMENDATION

Amount: $50,000 **Source:** STB

Analysis: The proposed library will bring the college in line with standard library requirements, and will provide a unique cooperative facility to provide much needed service for the citizens of Grants/Cibola County and local Indian reservation. The Facilities committee supports this joint project and recommends funds for preliminary planning and development.

Project Budget:

Architectural/Engineering Planning	$50,000
TOTAL	$50,000

ALBUQUERQUE TECHNICAL-VOCATIONAL INSTITUTE
Workforce Training Center

CHE PRIORITY #17

INSTITUTIONAL REQUEST

Description: Albuquerque Technical Vocational Institute has recognized the need to, provide an innovative service to meet the demands of business and industry for a high performance workforce, as well as forming an alliance with local and state economic development agencies, for the purpose of the attraction and retention of business in New Mexico. The strategy is not for an isolated program but for, strategically conceived services that support business and industry customers in making informed choices about their education, training, and employment needs, under one administrative office called the Institute for Business and Industry Development. It is also about providing information-sharing conferences, targeted shared training seminars, and competency based learning. This system is performance driven and outcomes-based, for rapid response to training, employee skill assessment, and business information services/resources.

The services of the New Mexico Small Business Development Center are also integrated into this system of services to assist our small businesses with business information services and resources to assist our small businesses in planning, market research, finance, product positioning and pricing, service analysis, business strategy and methodologies of selling, distributing and servicing products.

Justification: The Institute for Business and Industry Development, a division of Albuquerque Technical Vocational Institute has developed a mission statement and accompanying value statement to align itself with the ATVI mission which is:

To assist individuals and organizations in achieving their potential by:

* enhancing workplace skill application for a high performance workforce
* promoting and delivering professional skill development programs
* providing effective, efficient, comprehensive services that demonstrate consistent quality, business knowledge, flexibility, responsiveness, confidentiality and reasonable cost.

CHE RECOMMENDATION

Amount: -0-

Source: STB-SGOB

Analysis: The Commission recognizes the increasing enrollment at the Albuquerque Technical Vocational Institute and the extensive support in local funding for its Capital Facilities. It is therefore recommended by the Facilities Committee that funding for this project come from state appropriations. The committee concurs that present facilities for these services are completely inadequate and recommends the project, however at the time of publishing this document the Commission is awaiting further clarification of the overall project plan by Albuquerque Technical Vocational Institute.

NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY — CHE PRIORITY #18

Cramer and Weir Hall Renovations

INSTITUTIONAL REQUEST

Amount: $5,700,000

Description: This project will completely renovate two buildings on the New Mexico Institute of Mining and Technology Quadrangle. Both buildings are on the National Historic Register.

The main portion of Cramer Hall was 29,475 gross square feet built in 1936. An addition of 4,954 gross square feet was constructed in 1981. The building housed the Biology Department, including offices and laboratories. Cramer Hall also housed the Humanities Department and classrooms. The building is in poor condition, with outdated labs, utilities, for safety and accessibility. The project will provide temporary space while the renovation takes place.

Weir Hall was constructed in 1940 and encloses approximately 37,191 square feet of space. Weir Hall currently housed the Physics Department laboratories, Electrical Engineering Laboratories, Math Department offices and classrooms. The renovation will commence after the Physics and Electrical Engineering Departments move into the EE/Physics building. The same temporary space used for the Cramer renovation will be used for the Math Department and as classroom space. Upon completion, Weir Hall will house the Math Department, but will mostly be a general classroom facility.

Justification: This project ranks high on New Mexico Institute of Mining and Technology's Capital Project Plan. This is the third year this project has been requested to the CHE for funding recommendations. The Cramer/Weir renovation project is fundamental to NMIMT mission to provide well rounded educational and research opportunities. This project will bring labs, classrooms and offices into state-of-the-art facilities, providing safe, accessible instructional space for students, faculty and staff at NMIMT.

CHE RECOMMENDATION

Amount: $5,700,000 **Source:** STB-GF

Analysis: The committee recognizes the national acknowledgement and excellent programs undertaken at New Mexico Institute of Mining and Technology. This facility will house many programs that are currently instrumental to NMIMT mission.

Project Budget:

Building Cost	$4,286,000
Construction Contingency	418,600
Architectural/Engineering Fees	418,600
Surveys and Testing	46,000
Project Inspection	80,000
Legal and Administrative	6,940
Movable Equipment	90,000
Temporary Buildings	310,000
Art in Public Places	43,860
TOTAL	$5,700,000

UNIVERSITY OF NEW MEXICO - LOS ALAMOS
Student Services Building Addition

CHE PRIORITY #19

INSTITUTIONAL REQUEST

Amount: $1,112,500

1994 G.F.	$150,000
1996 G.F.	200,000
Student Fees	487,500
1998 Legislative Request	1,112,500
TOTAL	$1,950,000

Description: This project shall provide for new student activities and service areas. This new 16,800 gross square foot addition will provide much needed student support services space. The areas shall include student services offices such as financial aid, registration, etc. It will also contain student activity spaces for studying, student government organizations, recreational areas and a small coffee and food service area. The combining of these services and activities will provide for more convenient access between students and student services.

Justification: The Student Services Building or addition is planned in order to combine all student services and activities into one central location. Currently, Student Services are handled in any space that can be found. Qualification testing for admissions is currently being conducted in a janitor's closet. The Administration Building currently houses two academic counselors in small (70 sq. ft.) single person offices. During counseling one of the counselors typically has to leave their office. Student activities are currently confined to two converted classrooms. This situation has resulted in a loss of the academic space on campus which is desperately needed. Previously to moving into the classroom space, student activities existed in lobby spaces between the classrooms, causing continuous disruption to the classes. Neither of these two solutions is an acceptable location for student activities. Therefore, the creation of this new facility shall assist in the overall space and academic needs of the campus.

CHE RECOMMENDATION

Amount: $550,000 **Source:** STB-GF

Analysis: The committee feels that this project will help centralize student activities and help create a more complete campus at UNM Los Alamos. The budget reflects funds from student fees which have already been assessed for this project and recommends a state appropriation and a local bond issue to supplement the state appropriation for this project.

Project Budget:

Building Cost	$1,369,000
Built-in Equipment	100,000
Site Development	33,000
Utilities	36,000
Landscaping	30,000
Construction Contingency	69,000
Architectural/Engineering Fees	119,000
Surveys/Testing/Inspection	51,000
Legal/Administrative	20,000
Movable Equipment	108,000
Art in Public Places	15,000
TOTAL	$1,950,000

UNIVERSITY OF NEW MEXICO
MTTC Clean Room Installation

CHE PRIORITY #20

INSTITUTIONAL REQUEST

Amount: $1,800,000

Description: The University of New Mexico (UNM) and the Albuquerque Technical-Vocational Institute (TVI), have recently signed a MOU which seeks to find ways by which their respective cleanrooms can be shared for a mix of basic and advanced training for engineers and technicians. Collectively, UNM and TVI could further serve the training needs of other community college Semiconductor Manufacturing Technology programs statewide, which require concentrated, equipment-intensive training.

UNM is presently building the $6.1M Manufacturing Training and Technology Center (MTTC), funded by a mix of Federal funds (from the Economic Development Administration) and private bonds (issued by UNM). The MTTC will contain a 6,200 sf cleanroom.

The UNM MTTC has recently taken a delivery of over $1.7M (fair market value) in full-function semiconductor processing equipment, donated by the Intel Corporation, from their Fab 4 in Hillsboro, Oregon. This equipment, when installed within the MTTC cleanroom, will create a factory-like environment wherein engineering students from UNM can be co-trained side-by-side with technician students from regional community colleges, using a mix of university, community college, federal lab and industry instructors.

This request appears large, $1.8M, but when viewed as an investment in training the hundreds of engineers and thousands of technicians who could graduate in the next several years from this facility, it is modest indeed. It is also small compared to the amount already invested by the federal government and by industry itself. The donation of nearly $2M of equipment late last year by the Intel Corporation, supplemented by existing or future equipment gifts from the Sandia National Laboratories, TRW, Envirco, Philips Semiconductor, Motorola, and others, reflects the confidence that industry has in our ability to do this job. Indeed the Intel donation was made with the expectation that others including the State come forward to do their share in launching this initiative.

Justification: The magnitude of this MTTC project also reflects the continued very high priority that the University of New Mexico places on this initiative. Last year it was among some dozen and a half proposals selected from over a hundred proposals within UNM that were forwarded to the legislature and supported by the University. This year strategic decisions have sharply focused these priorities to fewer than ten. And the MTTC is one of them. It is clearly the most important science and technology/economic development initiative on the University's menu.

The MTTC Project:

- is strongly related to instructional programs, at several levels;
- is a high-quality educational setting, with up-to-date technologies;
- is necessary to accommodate enrollment growth, at several institutions;
- is most appropriately funded as a higher education project by the State;
- is not construction of a new building, but rather infrastructure for an existing new building.

CHE RECOMMENDATION

Amount: $950,000 **Source:** STB-SGOB

Analysis: The Facilities Committee and the Commission recognize and applaud the University of New Mexico for securing approximately $1,850,000 of semiconductor processing equipment donated by Intel Corporation, for installation in the recently completed Manufacturing Training and Technology Center. The Commission recommends a state appropriation of $950,000 to match UNM funds of $950,000 to complete the installation of this equipment. This completed project will help provide high-tech job training within the state of New Mexico. This technology is the basis of New Mexico's largest private employer and underpins much of the high-tech industry in this region and indeed throughout the world.

SPECIAL SCHOOLS

UNIVERSITY OF NEW MEXICO **SIGNIFICANT NEED**
Health Sciences Center Patient Care Equipment
Health Sciences Center Cancer Patient Care Equipment

INSTITUTIONAL REQUEST

Amount: $3,000,000 **Source:** State

Description: This request is a continuation of our on-going request for the purchase and replacement of the higher cost medical patient care equipment needed by the Health Sciences Center. The major portion of this year's request consists of replacement equipment for medical diagnostics and/or to maintain state of art diagnostic practices for public health. Some equipment is requested for treatment purposes as well, and shall improve health care in New Mexico.

UNM Health Sciences Center is faced with the need to purchase higher-cost medical equipment for use in treatment and diagnosis at University Hospital. Examples of requested equipment include anesthesia machines, X-ray machine, fluoroscope, ultrasound machines, lasers, and various types of analyzers.

This request is for funds to purchase radiation therapy equipment for the only cancer research and teaching center in New Mexico.

Justification: The funding will replace existing equipment which is out-dated, frequently breaks down, and is becoming harder to keep operational. In addition, the hospital needs to purchase some new equipment to keep up with advances in hospital technology. The new equipment will improve patient care through faster, more accurate diagnosis, will result in more cost-effective treatment, and will improve the education and treatment aspects of UNM Hospital's public health mission.

CHE RECOMMENDATION

Amount: $3,000,000 **Source:** STB-SGOB

Analysis: The funding will replace existing equipment which is outdated, frequently breaks down and is becoming harder to maintain and repair. Additionally, the Health Sciences Center needs to purchase some new equipment to keep up with advances in medical technology for the State's largest teaching hospital and only academic medical center.

The Commission recognizes that today's increasing public health demands are putting severe financial pressure on the Health Science Center. Some equipment can be purchased with hospital revenues, but state assistance is necessary to assist the Health Science Center in providing for the high tech, state of the art patient care equipment for todays health care needs.

Project Budget:

Patient Care Equipment	$2,000,000
Cancer Patient Care Equipment	1,000,000
TOTAL	$3,000,000

UNIVERSITY OF NEW MEXICO — SIGNIFICANT NEED
Health Sciences Center Education Bldg. Planning

INSTITUTIONAL REQUEST

Amount: $1,100,000

Description: The Health Sciences Center Building will provide teaching space more appropriate to the School of Medicine's new curriculum and relieve the shortage of teaching space in the Colleges of Nursing and Pharmacy. The building will provide one large auditorium, several lecture halls, classrooms, seminar rooms and instructional labs with state of the art audio, visual and computer facilities. The construction of this building would complete the education quadrangle and provide a focal point for the students, faculty, and staff of the HSC

Justification: The reorganization of the Medical Center into the UNM Health Sciences Center has necessitated an in-depth review of capital projects and the priorities of those projects. The HSC, which consists of the School of Medicine, College of Nursing, College of Pharmacy, Allied Health Programs and the Dental Programs, will be able to increase the efficiency of its multiple teaching programs with more appropriate teaching facilities.

In addition, curriculum changes, technological advances in teaching have all put an undue strain on the existing inventory of teaching space.

CHE RECOMMENDATION

Amount: $250,000 **Source:** STB-GF

Analysis: The Commission supports UNM's plan to centralize many of the functions of the Health Sciences Department which are currently located in various areas throughout the North campus. The development of this project will provide centralized instruction for all Health Science programs which will help provide for additional space in existing facilities and curtail duplication of costly instructional equipment. The Facilities Committee recommends preliminary programming and planning funds for this project

Project Budget:

Architect/Engineering Planning Fees	250,000
TOTAL	$250,000

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UNIVERSITY OF NEW MEXICO — SIGNIFICANT NEED
Health Sciences Center NM State Tri-Services Building

INSTITUTIONAL REQUEST

Amount: $ 612,000

Description: Renovates 4,000 square feet of existing space in the autopsy and isolation suites to resolve functional and environmental conflicts in the Office of the State Medical Investigator which is located in the NM State Tri-Services Building. Significant improvements will be made to the air handling system to isolate, dilute and expel potentially hazardous air borne pathogens. The facility is owned by the State of NM on land leased from UNM. Planning funds, in addition to addressing the near term issues raised by OSHA and others, would allow the University to assess, in the long term, the best use of the facility and its location. At the suggestion of the CHE, this would be done in coordination with the NM State Property Control Division and the Public Health Agencies served by the building.

This project advances the need to keep pathology research and service programs in facilities that promote a safe, healthy and comfortable work environment. The existing building's age, the intensity of its use and changes in the delivery of medical investigative services make these improvements necessary.

Justification: The public service mission of the University is served by this project. It will substantially improve the work environment of the University faculty who administer the operations of the State Medical Investigator.

CHE RECOMMENDATION

Amount: $612,000 **Source:** STB-SGOB

Analysis: The CHE Facilities Committee recommends that due to the safety, health, and liability issues these renovations should be completed as soon as possible. The Commission recognizes that this is not a UNM Building and has contacted General Services Department, Property Control Division for cooperation and assistance of this important issue.

Project Budget:

Building Cost	$463,911
Construction Contingency	42,412
Architectural/Engineering	59,982
Surveys and Testing	15,147
Project Inspection	15,097
Legal and Administrative	9,331
Art in Public Places	6,120
TOTAL	$612,000

NEW MEXICO SCHOOL FOR THE DEAF — SIGNIFICANT NEED
Miscellaneous Improvements

INSTITUTIONAL REQUEST

Amount: $7,982,120

Description: The New Mexico School for the Deaf has identified the following Capital Projects needs at its main campus in Santa Fe, New Mexico:

1.	Health Safety and Accessibility Improvements	$564,000
2.	Infrastructure Improvements	3,874,000
3.	Dillon Hall Improvements	1,500,000
4.	Cartwright Hall Improvements	482,120
5.	Transportation Vehicles	100,000
6.	Furniture Replacement Dormitories & Classrooms	250,000
7.	Early Childhood Center - Hester Hall	600,000
8.	Student Diagnostic Center - Dillon Hall	500,000
9.	Educational Support Improvements - Health	50,000
10.	TV Studio - Media Center Equipment	62,000
	TOTAL	$7,982,120

Justification: This request is for funding to continue the renovation of various buildings and miscellaneous needs throughout the NMSD Santa Fe campus. In order to continue occupying and utilizing these buildings it is essential that improvements be made to meet current life safety codes, mechanical and electrical code compliance, and interior modifications to meet changing special education program requirements. The exterior and interior of various buildings due to their age are in need of repair and modifications to improve building energy efficiency and to extend the overall life of the facilities.

CHE RECOMMENDATION

Amount: $750,000 **Source:** STB-SGOB

Analysis: The Commission recognizes the importance in supporting NMSD institutional mission and strong programs in serving the special needs of the residents of New Mexico. New Mexico School for the Deaf as one of New Mexico's first Constitutional Special Schools due to the age of the campus has various general facility improvement needs that will enhance existing and new programs. The Facilities Committee believes that continued funding for facility improvements on this campus is instrumental in the institutions mission to serve the special educational needs to the residents of the state of New Mexico.

Project Budget :

Building Cost	$600,000
Construction Contingency	60,000
Architect/Engineering Fees	60,000
Surveys and Testing	15,000
Project Inspection	15,000
TOTAL	$750,000

NEW MEXICO MILITARY INSTITUTE **SIGNIFICANT NEED**
Wilson Hall Upgrade

INSTITUTIONAL REQUEST

Amount: $1,938,300

Description: Wilson Hall is one of the oldest facilities on the campus of the New Mexico Military Institute in Roswell. The existing facility was constructed in 1950 and encloses approximately 30,000 gross square feet.

The existing facility is in need of immediate repair since it does not comply with safety, health and accessibility requirements. In addition to these problems the project will include a new roof, some new plumbing, upgrading restrooms, mechanical modifications, new fire alarm system and electrical distribution system upgrade. Also included is a complete upgrade of classrooms and offices to include patching and painting, new ceilings, new energy saving lighting, new floor covering and chalkboards. ADA modifications are included in ADA Compliance-General Campus Project.

Justification: The existing facility is in need of immediate repairs to allow for continued and complete usage. Presently, it does not comply with existing codes; safety, health, and ADA requirements such as restrooms, railings, elevators.

CHE RECOMMENDATION

Amount: $1,900,000 **Source:** ST5-GF

Analysis: The Facilities Committee recognizes the important significance of this large instructional building. Due to the age of this facility, renovations are necessary to help provide a more functional educational facility and to help eliminate various life safety code deficiencies.

Project Budget:

Building Cost	$ 1,450,000
Built-in Equipment	100,000
Construction Contingency	100,000
Architect/Engineering Fees	120,000
Surveys and Testing	10,000
Moveable Equipment	105,500
Art in Public Places	14,500
TOTAL	$1,900,000

Educational Television Equipment Replacement Fund

INSTITUTIONAL REQUEST

Amount: $6,559,550

Description: The Educational Television Stations KNME-TV, KRWG-TV, KENW-TV status of Capital equipment items and request for $1,327451 for the Television Equipment Replacement Fund. Television Stations are seeking funding recommendations from CHE and LFC to fund the Television Equipment Replacement Fund to reverse dangerous level of equipment obsolescence. Figured through December of 1998, the obsolete equipment list for the statewide system totals $6,559,550. Based on an average ten year useful life, the depreciation cost is $1,327,451 annually. Funding of this amount would represent 20% of the system wide obsolete equipment inventory figure.

New appropriated funds will:

- begin replacement of most crucial unreliable and failing equipment;
- enhance each stations ability to provide quality programs which educate, enlighten and broaden experiences;
- provide a stepping stone toward helping each station meet new digital technology mandate for broadcasting by the year 2003.

Lack of funding will result in:

- continued steep deterioration of technical facilities at each station marginal broadcast and production service reliability to viewers.

Overall equipment obsolescence for statewide system is 60%. KNME-TV's total inventory list of items above $10,000 totals $4,678,890. Equipment beyond useful life stands at $2,709,505 or 58%. KRWG-TV reports a total inventory of items above $10,000 of $3,456,623. Equipment beyond useful life stands at $2,547,726 or 70%. KENW-TV reports a total inventory above $10,000 of $2,484,093. $1,302,319 or 52% is considered beyond useful life.

Justification: FCC requirement for PTV stations to convert to digital technology standard is mandated by 2003. At the same time each station tries to keep up with annual replacement of obsolete equipment, all three stations must adequately plan for transmission, production equipment conversions and statewide coverage issues to accommodate the mandate for new digital television technology. Because these complex and costly issues are confronting each station within a short time frame, it is even more compelling that separate funding for equipment fund be restored to the stations in order to make a smoother transition to digital.

CHE RECOMMENDATION

Amount: $1,327,000 **Source:** STB-SGOB

Analysis: The CHE Facilities Committee recognizes and recommends funding to the Educational Television Equipment Replacement Fund. This will allow for the replacement of obsolete failing equipment to allow each station to provide quality programs which educate, enlighten, and broaden positive experiences to its many viewers throughout the state.

Project Budget:

	Total Inventory of Equipment over $10,000	Obsolete Equipment over 10,000 through Dec. 1998	Annual Depreciation Figures (Amount requested based on average 8 year useful life)
KENW-TV	$2,484,093	$1,302,319	**$310,512**
KRWG-TV	$3,456,623	$2,547,726	**$432,078**
KNME-TV	$4,678,890	$2,709,505	**$584,861**
TOTAL	$10,619,606	$6,559,550	**$1,327,451**

NEEDED RECOMMENDATIONS

NEW MEXICO HIGHLANDS UNIVERSITY
Science and Technology Building

INSTITUTIONAL REQUEST

Amount: $7,000,000 **Source:** State

Description: New Mexico Highlands University proposes to renovate the Science Building and Science Annex facility on the main campus. The project would include upgrading electrical and plumbing systems to meet current codes, adding fire alarms and a halogen-gas fire protection system, improving fume hoods and heating/ventilation system to meet code, removing asbestos, and other interior repairs and improvements. The project includes handicapped accessibility improvements.

Justification: The Science Building was constructed in 1956 and the Science Annex in 1958. Except for new benches and hoods in a few laboratories in 1979, the facilities have not been updated. Some areas of the building are not accessible to the handicapped. The building does not meet current building or fire codes and it lacks a fire alarm system and sprinklers. The fume hoods are vented in a manner that no longer meets code: four or six hoods are joined, often by horizontal casings, into a common vent. This arrangement requires ventilation grills in the hallway doors (prohibited by current fire codes) and fans in the top vent to suck out the fumes. The system operates so poorly that hazardous fumes being vented out of one lab often travel through the horizontal casing and sink into another lab rather than being vented out of the building.

In the past four years, the NMHU's academic reorganization has placed increased emphasis on science programs. In the fall of 1991, Highlands received an award from the National Science Foundation to prepare a proposal to be a center for excellence in science education. The outdated, deteriorating Science Building and Annex do not provide the appropriate environmental conditions and equipment required for scientific study and classroom instruction.

CHE RECOMMENDATION

Amount: $7,000,000 **Source:** STB-GF

Analysis: The Commission agrees that the classrooms and laboratories are outdated and in need of renovation but does not agree with the estimated cost of $120/gross square foot (GSF). The budget recommendation reduces the construction costs based upon comparative costs for similar projects.

Project Budget:

Building Cost	$6,000,000
Built-in Equipment	150,000
Construction Contingency	200,000
Architectural/Engineering Fees	400,000
Surveys/Testing/Inspection	10,000
Art in Public Places	60,000
Movable Equipment	180,000
TOTAL	$7,000,000

NEW MEXICO JUNIOR COLLEGE
Student Center Renovation and Addition

INSTITUTIONAL REQUEST

Source:		
	1992 G.O.B. Planning Funds	$147,000
	1998 Legislative Request	4,066,000
	TOTAL	$4,213,000

Amount: $4,066,000

Description: This project would add approximately 29,000 sq. ft. of new construction and 7,708 sq. ft. of renovation space to the current Student Center Complex at NMJC. The new construction would provide student service and activity facilities along with meeting, conference, lecture/seminar, recreational and student governance areas. This request includes equipment and furniture for this facility. One hundred forty-seven thousand dollars has been provided for the planning of this Student Center Complex through the 1992 statewide GO Bond issue.

Justification: Based on the architectural studies which have been completed, NMJC believes that incorporating student services and student activities into one project provides the least expensive and most efficient solution to obtain the needed space and expanded services for our students.

By locating our student services in the NMJC Student Center, students will benefit from receiving services in a comprehensive facility designed for counseling, career guidance, registration, housing financial aid and account billings within the same area. Also included in this facility will be student activities and recruiting.

The current Student Center has only one multi-purpose seminar room which is utilized almost continuously. NMJC has no private meeting rooms available on the campus for students and/or faculty and staff. This addition would eliminate the current usage of instructional space by businesses, industrial and community groups.

Student services and student activity space is critical for NMJC to achieve its mission as a comprehensive community college. We believe this facility will provide a greatly enhanced service to our students and community.

CHE RECOMMENDATION

Amount: $4,066,000 **Source:** State: STB-GF

Analysis: The Facilities committee recognizes that the NMJC Facilities plan 1993-98 includes the Student Center as a top priority. The committee recognizes that NMJC has attempted to receive funding for capital improvements through local general obligation bonds but voter approval has not been successful.

Project Budget :

Construction Cost	$3,450,325
Construction Contingency	200,869
Architect/Engineering Fees	233,800
Legal/Administrative	25,512
Movable Equipment	268,000
Art in Public Places	34,494
TOTAL	$4,213,000

NEW MEXICO STATE UNIVERSITY - CARLSBAD
Seminar/Fine Arts Facility

INSTITUTIONAL REQUEST

Amount: $4,350,000

Description: The proposed facility at NMSU Carlsbad will enclose the following areas: an auditorium with seating for 1,000 stage areas of 40' x 80' with 25' x 30' work areas each side, dressing areas, public restrooms, lobby areas and office areas would require approximately 21,000 square feet. Stage areas will have a 42' lift height with 8' gridiron work areas and a proscenium opening 60' wide by 20' high. Restrooms and ramps are to conform to ADA requirements. Acoustical consultants, stage consultants, as well as telecommunications consultants will be used on the design team. The four (4) classrooms/seminar break-out rooms of 1,200 square feet each (which allows for hall access space) will have adjacent access to the auditorium.

Justification:

A. At present, the largest lecture area at NMSU Carlsbad seats 180 students.

B. The facility will also be used by the Carlsbad Environmental Monitoring and Research Center.

C. Present fine arts facilities in the community are over 30 years old and lacking in state-of-the-art equipment, and seating capacity.

CHE RECOMMENDATION

Amount: $2,175,000 **Source:** STB-SGOB

Analysis: The Commission on Higher Education Facilities Committee upon visiting the NMSU Carlsbad Branch recommends the project as a needed facility and an asset to the campus and the entire community. The Commission strongly urges NMSU Carlsbad Branch and the community to help secure local funding in the amount of $2,175,000 to complete the project.

Project Budget :

Building Cost	$3,253,000
Built-in Equipment	250,000
Site Development	165,000
Construction Contingency	146,070
Architectural/Engineering	250,000
Surveys and Testing	39,250
Project Inspection	60,000
Movable Equipment	150,000
Art in Public Places	36,680
TOTAL	$4,350,000

NEW MEXICO STATE UNIVERSITY
Classroom Laboratory and Office Building

INSTITUTIONAL REQUEST

Amount: $11,529,000

Description: The primary driving force in shaping facility needs at New Mexico State University is the current and projected need for space for classrooms, general laboratories, and offices. In order to house these pressing needs for space in various departments, New Mexico State University will construct a building that will be available to all colleges while, at the same time, it will serve as a home to the College of Health and Social Services. The College of Health and Social Services is presently scattered throughout the campus and its consolidation will free spaces in various locations for expansion of other departments. These spaces are located primarily in Breland Hall, Educational Services Building and the Academic Research Center. The general classroom space in the new building will facilitate temporary relocation of departments for the future phased renovation and remodeling of the campus.

The demand for additional space is caused by a lack of large instructional space for general education courses. A need for medium sized classrooms, with 50 to 100 seats, reflects a relative scarcity of these spaces at New Mexico State University. Classrooms of this size increase versatility of use and permit greater variety of instructional type. The proposed building offers these types of spaces.

The projected area of the facility is 69,800 gross and 47,500 net square feet. The space is divided approximately half and half between the College (22,500 nsf) and the general instructional space (25,000 nsf).

Justification: The College of Health and Social Services has growing graduate programs in Nursing, Social Work and Public Health. The college is in need of quality instructional space to accommodate interdisciplinary courses in health and social services. The college plans to implement a coordinated services delivery model for the teaching of future health and social services professionals which will require close physical proximity of related department, computer laboratories, and classrooms equipped for distance learning.

In addition to the needs of the College of Health and Social Services, the entire university has a need for quality instructional space in the forms of classrooms and lecture halls.

CHE RECOMMENDATION

Amount: $11,000,000 **Source:** STB-GF

Analysis: The Facilities Committee recognizes the importance in supporting NMSU's institutional mission and strong programs in Arts and Sciences, Business Administration, and Economics. The Committee recognizes that additional space requirements is justified due to enrollment increases in general education at NMSU.

Project Budget :

Building Cost	$8,360,000
Built-in Equipment	500,000
Site Development	180,000
Construction Contingency	450,000
Architectural/Engineering Fees	777,000
Surveys/Testing/Inspection	246,710
Movable Equipment	900,000
Art in Public Places	115,290
TOTAL	$11,529,000

NEW MEXICO STATE UNIVERSITY
Renovation of Trost Building

INSTITUTIONAL REQUEST

Amount: $1,406,000

Description: This project would renovate a historic campus landmark which is currently unused due to its condition. Originally constructed in 1907 as the YMCA building for the campus, the building was most recently utilized as the Air Force ROTC building. Designed by the firm of Trost & Trost, out of El Paso, it is one of the most well-known buildings which has graced this campus over the years. Its prominent location on the corner of Espina and University Avenue makes it a landmark Unfortunately, the deterioration due to the age of the building has brought it to a condition where it is structurally unsound for utilization. Therefore, the building has been vacant for a number of years. While the university has attempted to find funds from private enterprises to restore the building, this has not been successful. Therefore, the university is looking for state funding to renovate the building to make it structurally, sound, and to replace all mechanical and electrical systems as well as windows, doors, and roof.

Justification: The student enrollment has increased over the past years, there has been no corresponding increase in space for actual administrative functions. The need for classroom and lab space has historically been so great that administrative support space has not been able to acquire funding for the construction of new space. The university has committed itself to supporting student needs and continues to do so. However, the historic significance of this facility demands that efforts be made to save the building before it crumbles beyond repair.

CHE RECOMMENDATION

Amount: $1,406,000 **Source:** STB-GF

Analysis: The Facilities support's the renovation of this historic landmark on the main campus of New Mexico State University. Although this renovation is not one of the top priorities, it is the committee's consensus that improvements to the building are in dire need, if it is to remain a campus landmark.

Project Budget:

Building Cost	$1,107,350
Site Development	52,650
Construction Contingency	110,000
Architectural/Engineering Fees	110,000
Surveys/Testing/Inspection	15,000
Art in Public Places	11,000
TOTAL	$1,406,000

NEW MEXICO STATE UNIVERSITY - DONA ANA
Border Area Satellite

INSTITUTIONAL REQUEST

Amount: $1,217,000

Description: The NMSU Dona Ana Branch Community College Border Area Satellite project implements the second phase of construction of the Border Area Satellite located in Sunland Park, Dona Ana County. $1.217 million is requested from the State in order to construct approximately 8,020 gsf. This phase of the project completes anticipated satellite development by providing additional classrooms, laboratories and administrative support facilities.

The first phase of this project included approximately 12,000 gsf and was funded with $1.70 million from a local general obligation bond issue passed in 1995. The first phase of the project was occupied in Spring 1997. A number of general classrooms and instructional support facilities were constructed to allow basic satellite functioning. The second phase of the project provides additional classrooms, laboratories and administrative support areas to enhance program operations and to meet projected enrollments.

This project is a key element in the implementation of DABCC's institutional and facilities master plans. Major DABCC goals from these adopted plans are to increase access to the community college for all people throughout its service area and to provide facilities to meet current and projected enrollment demands and program requirements. DABCC took a major step in working towards implementing these goals with the passage of a $7.5 million local general obligation bond in February 1995. This local GO bond establishes a reasonable rate of taxation which can be renewed every four years to generate additional capital funding while the tax rate would remain constant. The first phase of the Border Area Satellite will be funded from $1.75 million of local GO bond proceeds.

Justification: For the 1991-92 and 1992-93 academic years, DABCC offered courses at a Gadsen Independent School building between Santa Teresa and Sunland Park. Enrollment grew to over 200 students (100 FTE) before the operation was moved to Anthony for the 1993-94 academic year. Enrollment projections prepared as part of the Facilities Master Plan indicate that the border and southern areas of the county will experience the largest percentage growth over the next 20 years. Past and projected enrollment growth demonstrates conclusively the need for a permanent facility to serve the border area of Dona Ana County area. Initial enrollment for Spring 1997 indicates that the first phase of the project should serve close to 200 students in Fall 1997.

CHE RECOMMENDATION

Amount: $1,217,000 **Source:** STB-SGOB

Project Budget:

Building Cost	$909,700
Built-in Equipment	29,000
Site Development	50,000
Construction Contingency	43,150
Architectural/Engineering	65,000
Surveys and Testing	17,000
Project Inspection	16,250
Movable Equipment	77,000
Art in Public Places	9,900
TOTAL	$1,217,000

SAN JUAN COLLEGE
Health and Human Performance Center

INSTITUTIONAL REQUEST

Amount: $14,475,364

Description: This project provides several general classrooms, swimming pool, three-court gymnasium, aerobic labs, resistance training center, running track, four handball courts, dance lab, shower and locker rooms, supporting storage and office space. The current plan is for a stand-alone structure with its own separate mechanical system and parking lots.

Justification:

- Current gymnasium is inadequate to meet the instructional needs.
- Shower and locker rooms are too small for current number of users.
- No instructional space for physical education or related field of study is available.
- Number of users of the existing fitness center exceed its capacity and lines and waiting are all too common.
- Mechanical/plumbing systems in shower rooms are dated and present constant health and safety challenges.
- The current facilities, if remodeled, would provide critically politically needed prime academic space.
- The need for a substantial physical education/fitness complex has been a part of the College Master Plan for nearly a decade.

CHE RECOMMENDATION

Amount: $7,950,000 **Source:** STB-GF

Project Budget:

Construction Cost	$12,730,614
Construction Contingency	570,326
Architectural/Engineering Fees	774,670
Surveys/Testing/Inspection	90,000
Legal and Administrative	15,000
Movable Equipment	150,000
Art in Public Places	144,754
TOTAL	$14,475,364

UNIVERSITY OF NEW MEXICO
Architecture and Planning Building

INSTITUTIONAL REQUEST

Amount: $9,000,000

Description: This proposed project will replace the existing department of Architecture facility presently located on the south side of Central Avenue, apart from the central campus. The new facility will consist of approximately 82,000 gross square feet of undergraduate and graduate Design Studios, Classrooms, Computer Graphic Labs, Lighting and Acoustic Labs, Shop Facilities and Administrative Support.

Justification: The present School of Architecture department is housed in three separate "storefront" buildings, a former furniture store, an office building and a plumbing supply store, along two major commercial streets. The buildings were renovated for adaptive use as studio and support space but are much less than optimum. The pressure on facilities from simple growth in enrollment and programs is significant. In addition, newer technical course offerings are unmanageable in adapted space.

A new facility will help create exceptional talent in a professional area dramatically effected by new technological change. A Central Campus location will create better access to the Fine Arts Library and increase opportunities for interaction with other College of Fine Arts Departments.

Accreditation of the School of Architecture by the National Architectural Accreditation Board (NAAB) is essential to its success. One of the key accreditation criteria is quality of facilities, quality in the ability to accommodate programs that adequately prepare students for the rigors of a demanding profession. An institutional priority is to promote the highest level of affiliation for its professional training programs. This is especially important in the department whose graduates will guide the future of quality facility planning.

CHE RECOMMENDATION

Amount: $9,000,000 **Source:** STB-GF

Analysis: The committee feels that this project and general improvements will enhance the teaching mission by responding to more efficient, faster and more effective ways of delivering professional educational training programs in Architecture and Planning.

UNIVERSITY OF NEW MEXICO
Administrative Services Center Planning Funds

INSTITUTIONAL REQUEST

Amount: $750,000

Description: This proposed project shall provide for approximately 65,000 gross square feet of new building. The building will provide space for Human Resources, the EEOC, Public Affairs, Campus Police, Parking Services, Materials Management, Payroll Division, the Department of Real Estate and Facility Planning, Auditing, the Budget Office, the Controller's Office and the Visitors Center. This new "Administrative Services" building will be sited on the campus' north edge, maintaining the master plan objective of locating on the perimeter of the campus those functions which interact with the public. A future 750 space parking structure is planned adjacent to the new building. Other components of the project include extension of utilities to the building, hard and soft landscaping, fixed and moveable equipment.

Justification: This project will consolidate several institutions administrative support services in one building. Programs proposed to be housed in this new building are presently located in eleven separate buildings on the UNM campus. Each of the buildings are renovated residential homes not intended for their current use. UNM payroll and the EEOC offices are housed in buildings located where the proposed new classroom building is sited and will require relocation when that project is accomplished. Significant economies result from the consolidation of support service activities in one centralized location.

CHE RECOMMENDATION

Amount: $250,000 **Source:** STB-GF

Analysis: The committee feels that this project will enhance the teaching mission by responding to more efficient, faster and more cost effective ways of delivering support services. This recommendation is for planning money only to determine the size and estimated cost of the needed facility which will then be requested in coming years. The need is apparent, thus, the committee approval for planning funds.

UNIVERSITY OF NEW MEXICO - MAIN CAMPUS
Science and Technology Complex

INSTITUTIONAL REQUEST

Amount: $26,000,000

Description: This project seeks to address the increased need for high quality research laboratory space for studies in the sciences and engineering. It is proposed to contain 145,000 GSF of laboratories, clean rooms, classrooms, support areas and offices. Instead of planning for discrete additions to existing science and engineering departments, this facility brings together those academic and research programs whose facility needs are compatible and who would benefit from increased interaction opportunities. The obvious economic advantages are shared equipment, common spaces and joint-use of resources and centralized utilities.

Justification: UNM's credit hour growth has been most significant at the graduate level, particularly in the sciences and engineering. Facilities to support these departments are not only in short supply but existing space cannot keep up with advancing technology and the demands of changing research environments. The University of New Mexico has identified science and engineering as spires of excellence in their institutional plan, "UNM 2000". For the flagship university of the state to continue to contribute to the local economy, and more important to remain competitive in and increasingly global environment, investment in science and technology is vital.

Current safety standards are more stringent than they were when UNM's facilities were built; according to today's standards, the existing buildings are severely lacking in life safety protection. Renovating the older facilities would be expensive and would not provide any new square footage for these growing programs. If UNM is to compete for the best students and best faculty, it needs to have up-do-date facilities.

CHE RECOMMENDATION

Amount: $13,000,000 **Source:** STB-SGOB

Analysis: The Commission supports UNM's plans to examine the need for new science and engineering facilities.

Project Budget:

Building Cost	$17,000,000
Energy Conservation Improvements	150,000
Built-in Equipment	850,000
Utilities to Building	1,600,000
Demolition	600,000
Construction Contingency	1,090,000
Architectural/Engineering	1,395,000
Surveys and Testing	157,889
Project Inspection	111,389
Legal and Administrative	100,722
Movable Equipment	2,685,000
Art in Public Places	260,000
TOTAL	$26,000,000

WESTERN NEW MEXICO UNIVERSITY
Property Acquisition

INSTITUTIONAL REQUEST

Amount: $425,000

Description: Property acquisition remains a high priority of the Western New Mexico Board of Regents. Last year, the university received a Legislative appropriation of $400,000 to acquire property adjacent to the University's main campus. The original request submitted to the Commission was for $825,000. These funds will enable Western to acquire additional property adjacent to the campus on 12th Street for future campus development. The desired acquisitions consist of four rental properties, a permanent residence and a vacant lot for a total size of 1.67 acres.

Justification: Acquisition of this property is essential for future campus development. There are very few suitable building sites remaining on the University's land locked 80 acre campus; This acquisition will help provide planning alternatives for future building sites.

Over the years, WNMU's rapid growth has far exceeded the capability of available parking, and nowhere is this more evident than on 12th Street. It is essential to provide adequate parking as there is virtually no public parking in this area and university parking has become a major irritation for people from the surrounding community.

Timely property acquisition is also important because with the growing population in Silver City, property values are rising at a steady pace.

CHE RECOMMENDATION

Amount: $425,000 **Source:** STB-GF

Analysis: The Commission recognizes the importance of acquiring land that is adjacent to the main campus. Therefore WNMU should proceed with negotiations to purchase this property at a fair market value in accordance with Commission on Higher Education policy for land acquisitions.

Project Budget:

Property Acquisition	$425,000
TOTAL	$425,000

SUMMARY OF 1998-99 CHE EXTENDED LEARNING FUND RECOMMENDATIONS

CHE RANK	Institution	Description	ELF Funding Requested	Years Req.	CHE Recommend.	Years Rec.
	TOTAL		**$10,804,185**		**$4,832,476**	
	SIGNIFICANT NEED		**$1,734,875**		**$1,612,680**	
1	Northern NM Community College	Northern New Mexico Extended Learning Network	**$587,375**	2	**$465,180**	2
2	Clovis Community College	Upgrade & Expand Extended Learning System	**$1,147,500**	1	**$1,147,500**	1
	NEEDED		**$4,132,193**		**$3,219,796**	
3	NM Highlands University	ELF-Distance Education Project (5 of 6)	**$509,225**	1	**$428,200**	1
4	Western NM University	Instructional Television Project	**$879,447**	3	**$548,235**	3
5	NMSU-Alamogordo	Extended Learning Center Hub	**$1,009,930**	3	**$641,970**	3
6	NM Consortium of Academic Libraries	NM Electronic Academic Library Licensing & Training for Distance Technologies	**$779,050**	3	**$646,850**	3
7	NM State University	Master's Social Work Program w/ Navajo Nation	**$37,640**	1	**$37,640**	1
8	Electronic Distance Ed. Network (EDEN)	Satellite Network & Interactive Video Project	**$916,901**	1	**$916,901**	1
	DESIRABLE- NOT RECOMMENDED		**$4,937,117**			
	NM Junior College	Instructional Television Project	**$416,900**	1		
	NM State University	Two-way Compressed Video Teleclassroom	**$180,877**	1		
	University of New Mexico	System-wide ELF Two-way Video Project	**$1,262,052**	3		
	Albuquerque TVI	Middle Rio Grande Extended Learning Network	**$630,000**	3		
	San Juan College	Educational Tele-Video-conferencing Network (ETVN)	**$748,000**	3		
	NM State University	Enhancement of Engineering Distance Education	**$190,000**	1		
	Luna VTI	Instructional Television Project	**$174,333**	1		
	UNM-Gallup	Enhance Distance Learning Capabilities in in Western NM	**$998,155**	3		
	EDEN	Program & Equipment Configuration	**$336,800**	3		

CHE 1998-99 EXTENDED LEARNING FUND RECOMMENDATIONS BY INSTITUTION

Institution	Description	ELF Funding Requested	Years Req.	CHE Recommend.	Years Rec.
TOTAL		**$10,804,185**		**$4,832,476**	
Albuquerque TVI	Middle Rio Grande Extended Learning Network	$630,000	3		
Clovis Community College	Upgrade & Expand Extended Learning System	$1,147,500	1	$1,147,500	1
Electronic Distance Ed. Network (EDEN)	Satellite Network & Interactive Video Project	$916,901	1	$916,901	1
	Program & Equipment Configuration Planning Project	$336,800	3		
Luna VTI	Instructional Television Project	$174,333	1		
NM Consortium of Academic Libraries	NM Electronic Academic Library Licensing & Training for Distance Technologies	$779,050	3	$646,850	3
NM Highlands University	ELF-Distance Education Project (5 of 6)	$509,225	1	$428,200	1
NM Junior College	Instructional Television Project	$416,900	1		
NM State University	Master's Social Work Program w/ Navajo Nation	$37,640	1	$37,640	1
	Two-way Compressed Video Teleclassroom	$180,877	1		
	Enhancement of Engineering Distance Education	$190,000	1		
NMSU-Alamogordo	Extended Learning Center Hub	$1,009,930	3	$641,970	
Northern NM Community College	Northern New Mexico Extended Learning Network	$587,375	2	$465,180	2
San Juan College	Educational Tele-Video-conferencing Network (ETVN)	$748,000	3		
University of New Mexico	System-wide ELF Two-Way Video Project	$1,262,052	3		
UNM-Gallup	Enhance Distance Learning Capabilities in in Western NM	$998,155	3		
Western NM University	Instructional Television Project	$879,447	3	$548,235	3

SIGNIFICANT NEED (ELF) RECOMMENDATIONS

NORTHERN NEW MEXICO COMMUNITY COLLEGE
Northern New Mexico Extended Learning Network — Significant Need

INSTITUTIONAL REQUEST

Amount: $587,375 (Two Year Funding Request)
Project Primary Focus: Development of Regional Resources/Expanding Use in Technology

Description: This proposal would provide distance learning opportunities through 1) the purchase and installation of video codecs and classroom equipment for four high schools (Dulce, Escalante, Mesa Vista, Penasco); 2) limited equipment enhancements for the data-networks/Internet connections at these 4 sites as well as at Espanola Valley High School; 3) an upgrade to the dial-up server, automated library catalog and related equipment at Northern to support library information services; 4) project operational costs; and 5) to establish a fund for staff development and training at the partner institutions.

CHE RECOMMENDATION

Amount: $465,180 (Two Years) **Source: STB-GF**

Analysis: This project will provide data and video equipment and infrastructure connections in Northern New Mexico. Educational need is demonstrated by several recent needs assessments and surveys, statewide unemployment statistics and specific educational courses are identified. The proposal details partnership responsibilities and efforts, and cost sharing is specifically indicated through the contribution of a site coordinator and use of local facilities and equipment by each partner. The funding request includes support letters from project members reflecting cooperative partnerships.

The proposal includes information referencing institutional mission in relationship to this project. Explicit detail on interactive capabilities and interconnectivity are diagramed and utilization of existing infrastructure is clearly outlined. In addition, this proposal provides room for future growth within the system. In addition to NNMCC's regular training and support services for faculty and staff, the project includes specific support services for students participating in this project and training for faculty is proposed through the Staff/Training Development Fund. The project also includes specific details regarding project assessment and evaluation.

This funding request indicates cost sharing by each partner and shows the level of existing investment in NNMCC's infrastructure. The CHE recommendation deducts second year transmission costs and maintenance ($57,820) and personnel costs ($64,375) from the original funding request since these costs are recurring and part of the ongoing operational budget for subsequent years. The second year of Operating Costs ($50,000) is for a staff development fund to support training and other activities.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$257,360	-0-		$257,360
Personnel	$62,500	-0-		$62,500
Operating Costs	$95,320	$50,000		$145,320
Total	$415,180	$50,000	-0-	$465,180

CLOVIS COMMUNITY COLLEGE — Significant Need
Upgrade and Expand Extended Learning System

INSTITUTIONAL REQUEST

Amount: $1,147,500 (One Year Funding Request)
Project Primary Focus: Expanding Use of Technology in Instruction

Description: This proposal would upgrade Clovis Community College's existing extended learning system from a two-way full motion interactive video network to a two-way interactive video-conferencing system for delivery of educational courses and programs to Clayton, Roy, Mosquero, Logan, San Jon, Grady, House, Ft. Sumner, Santa Rosa, and two new receive sites in Vaughn and Corona.

CHE RECOMMENDATION

Amount: $1,147,500 (One Year) **Source: STB**

Analysis: This project would both upgrade and expand educational opportunities to eleven communities in Eastern New Mexico, by enhancing services to students at nine existing sites and by providing new services to two sites. Educational need is demonstrated through existing distance education enrollments and support letters were provided by the two new sites. Significant partner support is detailed in annual resource/cost sharing for existing system, as well as the proposed new system.

The proposal includes information referencing institutional mission in relationship to this project. Interactive capabilities and the commitment to interconnectivity are demonstrated by CCC's current distance learning activities, and includes the utilization of existing infrastructure. In addition, a previously closed infrastructure would be open to the rest of the State, thereby increasing access and opportunity. Specific training for faculty and staff is provided, in addition to existing student services. A detailed assessment process is included in the project with evaluations from students, instructors and communities.

This funding request budget is for the one time purchase of equipment for all eleven public school sites and the institution. The project details resource sharing among partners' annual operating budgets for instructional services and shows the level of existing investment in CCC's infrastructure.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$1,147,500			$1,147,600
Personnel	-0-			-0-
Operating Costs	-0-			-0-
Total	$1,147,500	-0-	-0-	$1,147,500

NEEDED (ELF) RECOMMENDATIONS

NEW MEXICO HIGHLANDS UNIVERSITY — Needed
Distance Education Programs

INSTITUTIONAL REQUEST

Amount: $509,225 (One Year Funding Request)
Project Primary Focus: Development of Regional Resources

Description: This proposal would enhance the distance education opportunities offered by NMHU through 1) the procurement and installation of a Multi-point Controller Unit (bridge), a Network Manger System, a second uplink, and an origination/reception classroom and training support equipment at NMHU for the delivery of course work to the NM Network for Rural Education (27 school districts in Northern NM); 2) the procurement and installation of five C-Band satellite downlinks between NMHU, the Las Vegas Medical Center, Luna-Vocational Institute sites in Springer, Raton and the Santa Fe Indian School; and 3) the planning and development of a local service center in Rio Rancho for the Western Governors University.

CHE RECOMMENDATION

Amount: $428,200 (One Year) **Source: STB**

Analysis: This project will enhance the existing educational services provided to students and communities by NMHU in Northern New Mexico. Several recent needs assessments are sited for educational need and specific course offerings are identified. Project partner responsibilities and resource sharing is included. The funding request includes support letters from project members reflecting cooperative partnerships.

The proposal includes information referencing institutional mission in relationship to this project. NMHU's commitment to distance education is demonstrated through existing distance education activities, which have been funded through Federal grants and institutional match. Interconnectivity is addressed in the project, as well as in NMHU's activities as a member of EDEN, and some utilization of existing infrastructure is provided. In addition to existing training for faculty, staff and students, specific training and library services are proposed for this project.

This funding request is for the one time purchase of equipment at NMHU and partner sites. Sustainability for NMHU's extended learning activities assumes continuing budgetary support for instructional television (currently a separate budget line item). The CHE recommendation deducts personnel costs ($81,025) for the planning and development of a local service center in Rio Rancho for the Western Governors University (WGU) as it would be premature for the State to invest funds in a learning center site for the WGU when the WGU is still in the process of developing an RFP.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$428,200			$428,200
Personnel	-0-			-0-
Operating Costs	-0-			-0-
Total	$428,200	-0-	-0-	$428,200

WESTERN NEW MEXICO UNIVERSITY
Instruction Television Project **Needed**

INSTITUTIONAL REQUEST

Amount: $879,447 (Three Year Funding Request)
Project Primary Focus: Expanding Use of Technology in Instruction

Description: This proposal would provide educational opportunities in Grant, Catron, Sierra, Hidalgo and Luna Counties through mixed modes of deliver including audio-conferencing, Internet-based applications, tele-course media, cable system delivery and video-conferencing, specifically including: 1) an instructional television network to Truth or Consequences and Gallup; and 2) satellite down-linking equipment in Silver City, Deming, and Lordsburg.

CHE RECOMMENDATION

Amount: $548,235 (Three Years) **Source: STB-GF**

Analysis: This project will increase the educational opportunities provided by WNMU to Southwestern New Mexico through the utilization of several technologies. WNMU needs assessments and surveys are sited for educational need and specific courses are identified. New access is provided to the four identified communities as well as enhanced services to existing students and surrounding communities. The funding request includes support letters from project members reflecting cooperative partnerships.

The proposal includes information referencing institutional mission in relationship to this project. Responsibilities of each project member are included and, as a member of EDEN, WNMU is committed to interconnectivity. Interactive capabilities are provided and utilization of existing infrastructure is specifically detailed. In addition to existing training and support services for faculty and students and institutional assessment tools, the proposal includes the development of a specific assessment/evaluation tool for this project.

This funding request is for the purchase of equipment over three years for each site and personnel and operating costs for the first year. Sustainability for WNMU's extended learning activities assumes continuing budgetary support for instructional television (currently a separate budget line item) and the collection of tuition. WNMU indicates an institutional match of $1,074,656 in recurring expenditures over the three year project period. The CHE recommendation deducts operating costs ($108,112) and personnel costs ($194,300) from the original funding request since these costs are recurring and part of the ongoing operational budget for subsequent years. Operating costs in years two ($15,500) and three ($15,500) are for faculty training.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$127,821	$156,810	$17,565	$302,196
Personnel	$147,135	-0-	-0-	$147,135
Operating Costs	$67,904	$15,500	$15,500	$98,904
Total	$342,860	$172,310	$33,065	$548,235

NEW MEXICO STATE UNIVERSITY - ALAMOGORDO — Needed
Distance Learning Programs for High School Students

INSTITUTIONAL REQUEST

Amount: $1,009,930 (Three Year Funding Request)
Project Primary Focus: Creation/Operation of Community Based Extended Learning Center

Description: This proposal would expand NMSU-A's current educational opportunities to the surrounding area by transmitting academic, vocational, and developmental programs via two-way interactive telecommunications to Tularosa, Alamogordo and Cloudcroft high schools, and the Mescalero Apache Reservation.

CHE RECOMMENDATION

Amount: $641,970 (Three Years) **Source: STB-GF**

Analysis: This project will increase the educational opportunities provided by NMSU-Alamogordo to the specific communities identified. In addition to concurrent enrollment courses for high school students, local residents will have an opportunity to access these services. Project partner communities/schools are new access, while existing students would benefit from enhanced services. The funding request includes support letters from project members reflecting cooperative partnerships.

The proposal includes information referencing institutional mission in relationship to this project and institutional commitment is demonstrated through distance education staff and financial resources. Partner responsibilities are included and each public school site will provide a dedicated distance learning classroom, phones, utilities, and audio/visual personnel. Interactive capabilities and interconnectivity are diagramed in the proposal and include utilization of existing infrastructure. The project will use existing training and support services for faculty and students and existing institutional assessment/evaluation processes.

This funding request is for the purchase of equipment over three years and personnel and operating costs for the first year. An institutional funding match of $172,200 is included in the project budget. The CHE recommendation deducts personnel costs ($307,960) and transmission costs ($60,000) from the original funding request since these costs are recurring and part of the ongoing operational budget for subsequent years.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$169,000	$221,000	$110,500	$500,500
Personnel	$126,930	-0-	-0-	$126,930
Operating Costs	$14,540	-0-	-0-	$14,540
Total	$310,470	$221,000	$110,500	$641,970

NEW MEXICO CONSORTIUM OF ACADEMIC LIBRARIES — Needed
New Mexico Electronic Academic Library Proposal

INSTITUTIONAL REQUEST

Amount: $779,050 (Three Year Funding Request)
Project Primary Focus: Development of Regional Resources/Expanding Use of Technology in Instruction

Description: This proposal would enhance the library support services among the 23 member libraries in New Mexico by leveraging the purchase of library full-text electronic database licensing and would provide training classes/workshops for users statewide.

CHE RECOMMENDATION

Amount: $646,850 (Three Years) **Source: GF**

Analysis: This project will enhance library services for students and other library clients through on-line availability of full-text resources throughout New Mexico. There are 23 member institutions in NMCAL reflecting statewide collaboration among two- and four-year institutions. The funding request includes support letters from project members reflecting cooperative partnerships.

The project specifically addresses the needs of existing distance education students and library professionals by providing enhanced research capabilities and training opportunities. Library training courses will become available statewide. Existing electronic networks will be utilized to increase access to library services though resource sharing at institutions for multi-site licensing.

Interactive capabilities are addressed through existing technological resources (EDEN and TAL-NET) and joint purchasing of on-line resources will promote the reduction of data redundancy. Training for faculty and staff are provided through existing member institutional services and the training course and workshops offered through the project.

This funding request is for the purchase of full-text electronic data base licenses for NMCAL members and training courses and workshops for faculty and students for three years. Matching funds are indicated through cost savings ib library operating budgets, thereby freeing-up resources to be used to support the system. The CHE recommendation deducts personnel costs ($75,000) and operating costs ($57,200) from the original funding request since these costs are recurring and part of the ongoing operational budget for subsequent years.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$196,000	$196,000	$196,000	$588,000
Personnel	$41,000	-0-	-0-	$41,000
Operating Costs	$17,850	-0-	-0-	$17,850
Total	$254,850	$196,000	$196,000	$646,850

NEW MEXICO STATE UNIVERSITY
Masters in Social Work Program w/ Navajo Nation

Needed

INSTITUTIONAL REQUEST

Amount: $37,640 (One Year Funding Request)
Project Primary Focus: Expanding Use of Technology in Instruction

Description: This is a pilot demonstration project to provide two courses of a Masters in Social Work Program for delivery by New Mexico State University (NMSU) to parts of the Navajo Nation during both the Fall 1998 semester and the Spring 1999 semester, in partnership with the Indian Health Service.

CHE RECOMMENDATION

Amount: $37,640 (One Year) **Source: GF**

Analysis: This project will provide a new masters level pilot course in social work delivered via satellite to four sites in the Navajo Nation. Tentative sites have been identified as Crownpoint, Ramah, Gallup and Shiprock. Customer benefits include the training of professional Native American social workers in isolated, rural areas for social work licensing as required by the State. Support letters from the Indian Health Service are included in the proposal reflecting collaborative partnerships.

Demonstration of educational need is sited by the Department of Health (Indian Health Service). This new pilot program would expand the educational opportunities available to the Navajo Nation and is new access. Interactive capabilities and the commitment to interconnectivity are demonstrated by NMSU's current distance learning activities, and the interest to deliver course work to the Navajo Nation. Also, support services for faculty and students are provided by current distance learning activities.

This funding request's budget does not show an institutional match, but indicates the collection of tuition to assist in operating costs. Sustainability is addressed by the exploration of other funding sources.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	-0-			-0-
Personnel	$17,000			$17,000
Operating Costs	$20,640			$20,640
Total	$37,640	-0-	-0-	$37,640

ELECTRONIC DISTANCE EDUCATION NETWORK (EDEN) — Needed
Satellite Network and Interactive Video Project

INSTITUTIONAL REQUEST

Amount: $916,901 (One Year Funding Request)
Project Primary Focus: Expanding Use of Technology in Instruction

Description: EDEN is a consortium of public postsecondary institutions whose members include all six four-year universities and one two-year independent college. This funding request will expand educational opportunities through: 1) the procurement and installation of five satellite uplinks, to be installed at ENMU, NMSU, NNMCC, WNMU, and NMIMT; 2) the procurement and installation of twenty downlinks to be distributed to unserved communities throughout the state; and 3) the procurement of origination and reception classrooms for UNM and NMHU.

CHE RECOMMENDATION

Amount: $916,901 (One Year) **Source: STB**

Analysis: This project will increase the educational opportunities provided by all seven member institutions to their students and local communities, to twenty new communities and the Northern New Mexico Rural Education Network of twenty-seven public schools. The project is for equipment and infrastructure located at sites throughout the state and would significantly expand alternative delivery capacity.

The EDEN Bylaws outline the responsibilities of member institutions and support letters from partners reflect further collaboration. The project directly relates to the mission of EDEN as a statewide consortium. Sustainability is provided through absorption of operating costs by project member operating budgets. Commitment to project interconnectivity is demonstrated through existing distance education activities of EDEN member institutions.

Existing project member training and support services for students and faculty is provided, in addition to specific faculty distance education training programs at UNM, NMSU and ENMU. Specific evaluations for students, faculty, and site coordinators are utilized for project assessment.

This funding request is for the one-time purchase of equipment at EDEN member institutions. Matching funds are provide by requiring members to be responsible for interconnectivity once the equipment is installed and to incorporate operating costs into their institutional operating budgets.

	1998-99	1999-2000	2000-2001	TOTAL
PROJECT BUDGET				
Equipment	$916,901			$916,901
Personnel	-0-			-0-
Operating Costs	-0-			-0-
Total	$916,901	-0-	-0-	$916,901

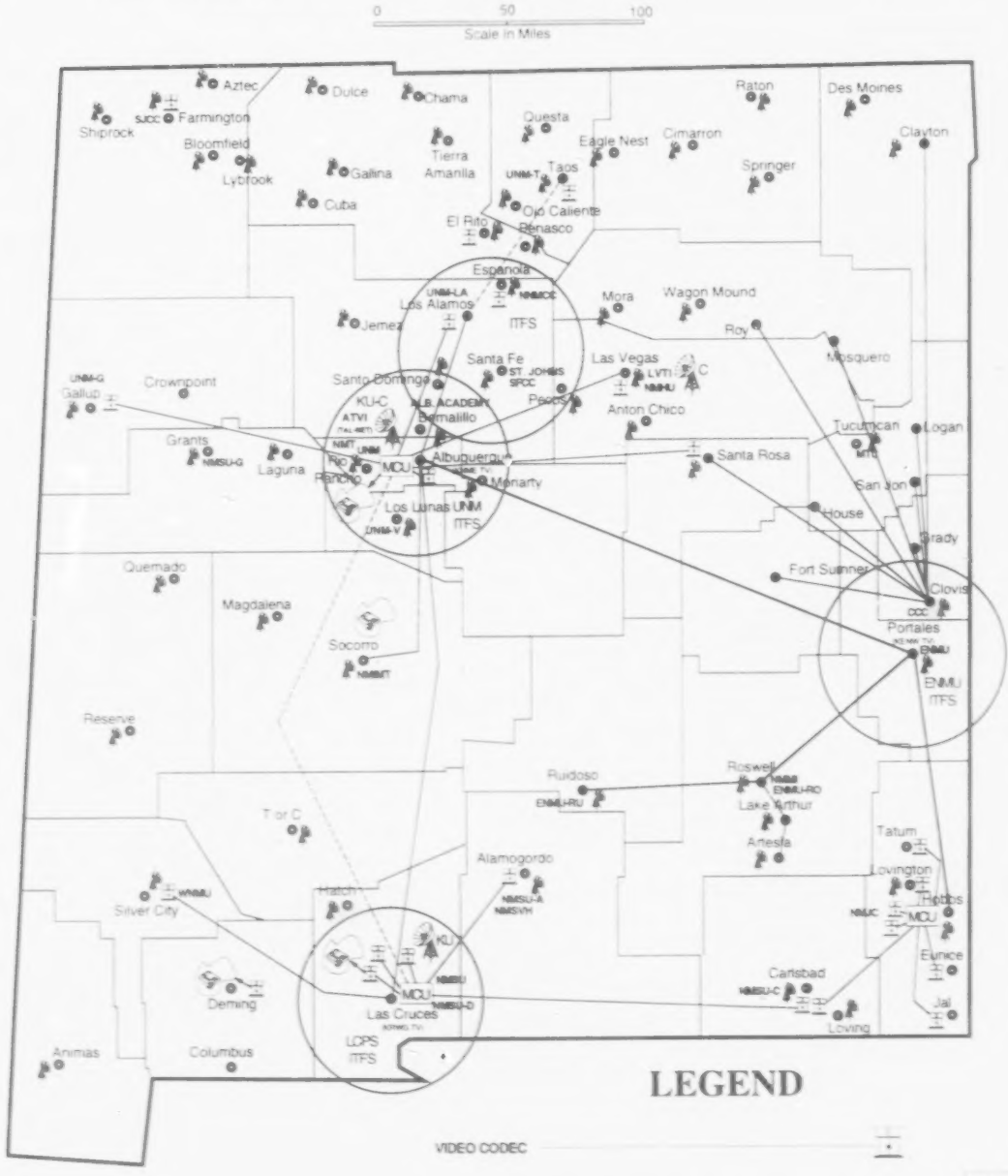
DESIRABLE PROJECTS - NOT RECOMMENDED FOR FUNDING

Desirable (Not Recommended) Projects have been submitted to the Commission for review and are desirable in the development of the statewide Extended Learning Initiative, but do not merit Commission priority status at this time. The CHE does not present recommended funding levels for these projects, and the projects are not reported in priority order. They are included primarily so that the legislature and the executive will have some knowledge of ELF projects that might be presented in the future.

CHE 1998-99 EXTENDED LEARNING FUND REQUESTS BY INSTITUTION
Desirable (Not Recommended) Projects

Institution	Description	ELF Funding Requested	Years Req.	CHE Recommend.
TOTAL		**$3,795,984**		-
Albuquerque TVI	Middle Rio Grande Extended Learning Network	$630,000	3	-
EDEN	Program & Equipment Configuration Planning Project	$336,800	3	-
Luna VTI	Instructional Television Project	$174,333	1	-
NM Junior College	Instructional Television Project	$416,900	1	-
NM State University	Two-way Compressed Video Teleclassroom	$180,877	1	-
	Enhancement of Engineering Distance Education	$190,000	1	-
San Juan College	Educational Tele-Video-conferencing Network (ETVN)	$748,000	3	-
University of New Mexico	System-wide ELF Two-way Video Project	$1,262,052	3	-
UNM-Gallup	Enhance Distance Learning Capabilities in in Western NM	$998,155	3	-

New Mexico Extended Learning Infrastructure (1997)



LEGEND

VIDEO CODEC

VIDEO MULTIPOINT CONTROL UNIT — MCU

SATELLITE DOWNLINK SITE

SATELLITE UPLINK SITE

PUBLIC DIAL-UP DIGITAL NETWORK

CITY or TOWN

MICROWAVE ITFS

TWO-WAY ANALOG INTERACTIVE VIDEO

EXISTING TWO-WAY INTERACTIVE VIDEO LINK

PENDING VIDEO LINK

*GREEN TEXT ON MAP DENOTES — DATA SITES

Prepared By
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08 December 97

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